

## **Historic, Archive Document**

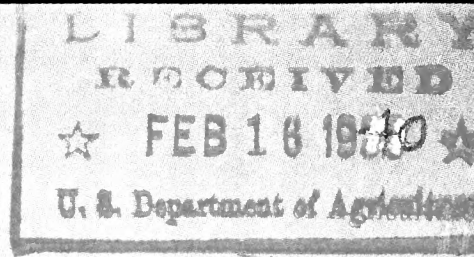
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# TOP NOTCH SEEDS

*for 1940*

62.81



We are Distributors for  
D. & P. L. (Deltapine) 11-A  
Foundation Planting Cotton Seed  
Bred and Grown by  
DELTA & PINE LAND CO.  
Scott, Mississippi  
See Pages 2 and 3

## RUSSELL - HECKLE SEED CO.

MEMPHIS, TENNESSEE



# RUSSELL-HECKLE'S TOP NOTCH *Lawn Grass Seed*

**Culture**—Spade or plow ground to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Sow in March, April and May also September and October. Scatter the seed evenly over the surface at the rate of one pound to 20x20 or 400 square feet, except where noted otherwise. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and repeat until the grass has become firm.

## EVERGREEN

Our Evergreen Lawn Grass is a mixture of grasses that are adapted to lawn making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn grass, so we have put into our Evergreen a well-balanced mixture of grasses that are at their best during different months of the year and will give a beautiful green growth. For prices see Green Ink Price List enclosed.

## SUNNY SOUTH

A mixture of regular Lawn Seed and Bermuda grass, especially adapted for open and sunny situations. It will stand hot weather and with frequent watering will make a beautiful green summer lawn. Cut the grass weekly, which will cause it to stool and grow off to a solid turf. If weather is dry, water well for good germination. For prices see Green Ink Price List enclosed.

## SHADY SPOT

A mixture of grasses that are especially adapted to the shade. We have used great care in the selection of the grasses that go into this mixture and feel certain that with proper planting and attention, good results will be obtained. An alkaline soil rich in humus and plenty of moisture is required to successfully grow grass in the shade. For prices see Green Ink Price List enclosed.



OUR GRASS SEEDS PRODUCE BEAUTIFUL LAWNS LIKE THIS

## BERMUDA

The dependable hot weather grass for southern lawns. Sow April 15th to September 1st; have ground well prepared and cover seed lightly as seeds germinate slowly. Keep soil well watered until up. If weather is dry, soak ground well three times a week. Sow one pound to 20 by 40, or 800 square feet. Keep lawn well cut and fertilized. Our hulled Bermuda seed gives better and quicker results. For prices see Green Ink Price List enclosed.

## KENTUCKY BLUE

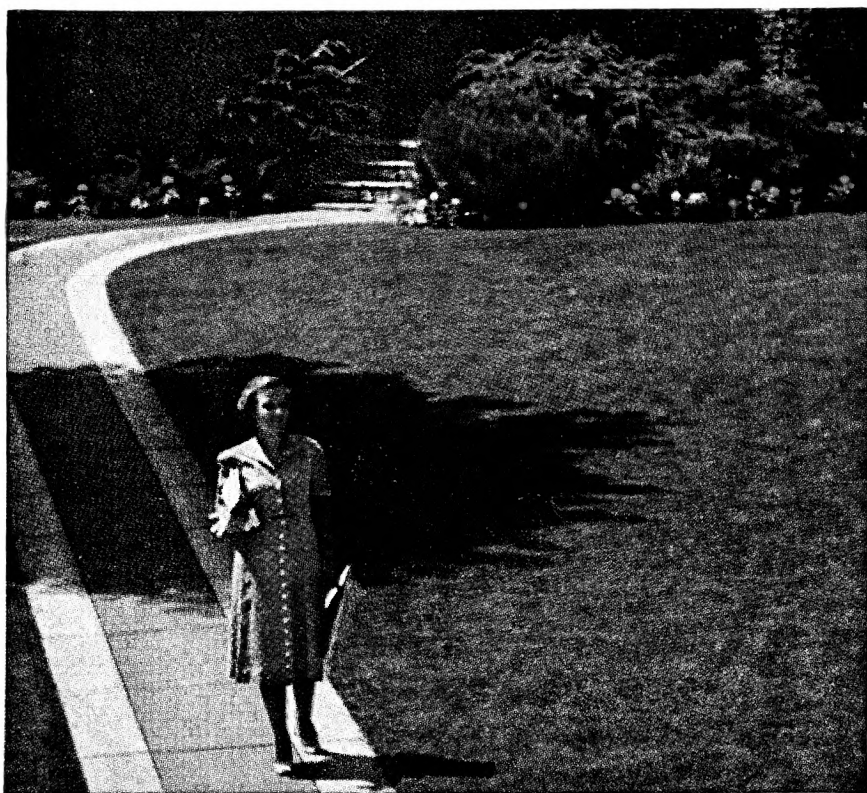
Adapted to shady locations. Does best in a rich alkaline soil. Satisfactory results should be obtained by preparing the soil in advance, working in an abundance of crushed lime stone and bone meal fertilizer. For prices see Green Ink Price List enclosed.

## WINTERGREEN

For winter lawns. When sown in the fall, which is the proper season, Wintergreen (Winter Rye Grass) remains green all through the winter. Sow on top of Bermuda in September, October and November. For lawns use one pound to 10 by 10 or 100 square feet.

## YOU CAN GROW LAWNS, FLOWERS AND VEGETABLES AS PICTURED IN THIS CATALOGUE

Satisfy your desire for a beautiful lawn and a garden filled with flowers and shrubs of your own choice. Today, thanks to science, anyone can successfully grow lawns, flowers, shrubs, trees and vegetables. Our seeds are guaranteed fresh and of high germination. But even the best seed is not enough! Science discovered that plants require eleven different food elements from the soil. Failure to supply some of these elements is the greatest cause of gardening and lawn failure. To be sure of gardening success feed your lawn and everything you grow with Vigoro. Vigoro is the complete plant food. No other supplementary feeding materials are needed. It is of proper balance, clean, odorless, sanitary and economical. Let us send you a supply of Vigoro with your seed order.



### PRICES

100-lb. bag....	\$4.00
50-lb. bag....	2.50
25-lb. bag....	1.50
10-lb. pkg....	.85
5-lb. pkg....	.45
1-lb. pkg....	.10

F.O.B. Memphis,  
Tenn.

*Supplies all the food elements needed from soil*



# FIELD SEEDS, When to Plant, How Much to Plant

Variety	When to Plant	Quantity for an Acre	Distance Between Rows	Distance Apart in the Row	Depth to Plant	Pounds to the Bushel
Alfalfa.....	Mar., Apr.—Sept., Oct.	25 to 30 lbs.	Broadcast	Broadcast	¾ to 1 in.	60 lbs.
Artichokes, Jerusalem.....	Mar., April, May	3 to 4 bus.	3½ to 4 ft.	15 to 18 ins.	4 ins.	50 lbs.
Barley.....	Sept., Oct.	1½ bu.	Broadcast	Broadcast	2 ins.	48 lbs.
Beet, Mangel Stock.....	March, April, May	8 to 10 lbs.	18 to 24 in.	8 ins.	1 in.	30 lbs.
Broom Corn.....	April, May, June	6 to 8 lbs.	3½ ft.	8 to 10 ins.	1 in.	46 lbs.
Buckwheat.....	May, June, July	1 bu.	Broadcast	Broadcast	1 in.	50 lbs.
Beans, Navy Field.....	May, June, July	1 to 1½ pks.	4 ft.	6 to 8 ins.	1 in.	60 lbs.
Chufas.....	April to June	1 pk.	3 ft.	15 to 18 ins.	2 ins.	44 lbs.
Clover, Alsike.....	Mar. to May—Sept.	6 to 8 lbs.	Broadcast	Broadcast	¾ to 1 in.	60 lbs.
Clover, Burr.....	Aug., Sept., Oct.	30 to 50 lbs.	Broadcast	Broadcast	½ in.	10 lbs.
Clover, Burr, in Cotton rows.....	Aug., Sept., Oct.	20 to 25 lbs.	Side of row	3 to 4 ins.	½ in.	10 lbs.
Clover, Crimson.....	Aug., Sept., Oct.	15 to 18 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
Clover, Hop.....	Feb., Mar., Apr.—Sept.	10 to 12 lbs.	Broadcast	Broadcast	¼ in.	60 lbs.
Clover, Sweet Melilotus.....	Mar., Apr.—Sept., Oct.	15 to 25 lbs.	Broadcast	Broadcast	¼ in.	60 lbs.
Clover, Mammoth Sapling.....	Mar., Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
Clover, Red.....	Mar., Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	½ in.	60 lbs.
Clover, White Dutch.....	Feb., Mar.—Sept., Oct.	4 to 6 lbs.	Broadcast	Broadcast	¼ in.	60 lbs.
Cow Peas, in Drills.....	Apr., May, June, July	½ to 1 bu.	18 to 24 ins.	2 to 3 ins.	2 ins.	60 lbs.
Cow Peas, Broadcast.....	Apr., May, June, July	1 to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
Corn, Field.....	April to August	4 to 6 qts.	3½ to 4 ft.	18 to 24 ins.	2 ins.	56 lbs.
Crotalaria.....	April, May, June	10 to 15 lbs.	Broadcast	Broadcast	½ to ¾ in.	40 lbs.
Crotalaria, Drilled.....	April, May, June	5 to 6 lbs.	2 ft.	10 to 12 ins.	½ to ¾ in.	40 lbs.
Cotton Seed.....	April, May, June	1 bu.	3½ to 4 ft.	12 to 15 ins.	¾ to 1 in.	32 lbs.
Egyptian Wheat, Shallu.....	May, June, July	10 to 12 lbs.	3½ ft.	12 to 15 ins.	1½ to 2 ins.	50 lbs.
Feterita.....	May, June, July	6 to 8 lbs.	3½ to 4 ft.	4 to 5 ins.	1½ to 2 ins.	50 lbs.
Kaffir Corn.....	May, June, July	6 to 8 lbs.	3½ to 4 ft.	4 to 6 ins.	1½ to 2 ins.	50 lbs.
Hegari.....	April, May, June	8 to 10 lbs.	3½ to 4 ft.	4 to 6 ins.	1 to 1½ ins.	50 lbs.
Grass, Bermuda.....	April to June—Sept.	10 to 12 lbs.	Broadcast	Broadcast	¼ in.	40 lbs.
Grass, Blue.....	Feb. to April—Sept., Oct.	60 to 75 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
Grass, Carpet.....	March, April—Sept.	10 to 15 lbs.	Broadcast	Broadcast	½ in.	10 lbs.
Grass, Dallas.....	March, April, May	8 to 10 lbs.	Broadcast	Broadcast	½ in.	10 lbs.
Grass, Lawn.....	Feb., Mar.—Sept., Oct.	60 to 75 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
Grass, Orchard.....	Feb. to Apr.—Sept., Oct.	21 to 28 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
Grass, Red Top, Herds.....	Feb. to Apr.—Sept., Oct.	8 to 10 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
Grass, Pasture.....	Feb. to Apr.—Sept., Oct.	25 to 35 lbs.	Broadcast	Broadcast	½ in.	14 lbs.
Grass, Winter Rye.....	Sept., Oct., Nov.	35 lbs.	Broadcast	Broadcast	½ in.	24 lbs.
Grohoma.....	April, May, June	4 to 5 lbs.	3½ to 4 ft.	8 to 10 ins.	1 to 1½ ins.	50 lbs.
Lespedeza, Japan Clover.....	Feb., Mar., April	1 bu.	Broadcast	Broadcast	¼ in.	25 lbs.
Lespedeza Sericea.....	April, May	20 to 30 lbs.	Broadcast	Broadcast	¼ in.	40 lbs.
Lespedeza Sericea, Drill.....	April, May	3 to 4 lbs.	3 ft.	6 to 8 ins.	¼ in.	40 lbs.
Millet, Hungarian.....	April to August	1 to 1¼ bus.	Broadcast	Broadcast	½ in.	48 lbs.
Millet, Tenn. German.....	April to August	1 to 1½ bus.	Broadcast	Broadcast	½ in.	50 lbs.
Millet, Pearl.....	May, June, July	8 to 10 lbs.	3 to 3½ ft.	4 to 6 ins.	½ in.	48 lbs.
Millet, Japanese.....	May, June, July	20 to 25 lbs.	Broadcast	Broadcast	½ in.	50 lbs.
Milo Maize.....	May, June, July	6 to 8 lbs.	3 to 3½ ft.	4 to 5 ins.	1 in.	50 lbs.
Mung Beans.....	May, June, July	8 to 10 lbs.	3 to 3½ ft.	2 to 4 ins.	1 in.	60 lbs.
Oats.....	Feb., Mar.—Sept., Oct.	2 to 2½ bus.	Broadcast	Broadcast	1 to 2 ins.	32 lbs.
Peanuts.....	May, June	35 to 40 lbs.	3 to 3½ ft.	10 to 12 ins.	2 ins.	22 lbs.
Peas, Stock.....	May, June, July	1½ to 2 bus.	Broadcast	Broadcast	2 ins.	60 lbs.
Peas, Austrian Winter.....	Aug. to Nov.	30 to 35 lbs.	Broadcast	Broadcast	2 ins.	60 lbs.
Peas, Aust. Wint. Cotton rows.....	Aug. to Nov.	20 to 25 lbs.	Side of row	2 to 3 ins.	2 ins.	60 lbs.
Potatoes, Irish.....	Feb. to Apr.—July, Aug.	8 to 10 bus.	3 to 3½ ft.	15 to 18 ins.	4 ins.	60 lbs.
Rape, Essex.....	Feb. to Apr.—Aug. to Oct.	4 to 6 lbs.	2 to 3 ft.	4 to 6 ins.	½ in.	50 lbs.
Rye, Common.....	Sept., Oct., Nov.	1 to 1¼ bus.	Broadcast	Broadcast	2 ins.	56 lbs.
Rye, Abruzzi.....	Sept., Oct., Nov.	¾ to 1 bu.	Broadcast	Broadcast	2 ins.	56 lbs.
Sagrain.....	Apr., May, June, July	8 to 10 lbs.	3 to 3½ ft.	4 to 5 ins.	1 in.	50 lbs.
Sorghum, Drill.....	Apr., May, June, July	8 to 10 lbs.	3½ to 4 ft.	4 to 5 ins.	1 in.	50 lbs.
Sorghum, For Hay.....	Apr., May, June, July	50 to 75 lbs.	Broadcast	Broadcast	1 in.	50 lbs.
Soy Beans, Small Seed.....	Apr., May, June, July	1 bu.	Broadcast	Broadcast	1 to 2 ins.	60 lbs.
Soy Beans, Drill, Small Seed.....	Apr., May, June, July	1 pk.	3 to 3½ ft.	4 to 5 ins.	1 to 2 ins.	60 lbs.
Soy Beans, Large Seed.....	Apr., May, June, July	1½ bus.	Broadcast	Broadcast	1½ to 3 ins.	60 lbs.
Soy Beans, Drill, Large Seed.....	Apr., May, June, July	½ bu.	3½ to 5 ft.	4 to 6 ins.	1½ to 3 ins.	60 lbs.
Sudan Grass.....	Apr., May to Aug.	25 to 30 lbs.	Broadcast	Broadcast	1 in.	40 lbs.
Sunflower.....	May, June	6 to 8 lbs.	3½ to 4 ft.	15 to 18 ins.	1 in.	25 lbs.
Timothy.....	March, April—Sept., Oct.	15 lbs.	Broadcast	Broadcast	¼ to ½ in.	45 lbs.
Vetch, Winter Variety.....	Aug. to Nov.	20 to 30 lbs.	Broadcast	Broadcast	2 ins.	60 lbs.
Vetch in Cotton Rows.....	Aug. to Nov.	15 to 18 lbs.	Side of row	2 to 3 ins.	2 ins.	60 lbs.
Velvet Beans.....	May, June	¼ to ½ bu.	4 to 5 ft.	2 to 2½ ft.	3 to 4 ins.	60 lbs.
Wheat.....	Sept., Oct., Nov.	5 pks.	Broadcast	Broadcast	2 ins.	60 lbs.

One acre of land contains approximately 210x210 feet or 43500 square feet.

# D. AND P. L. (Deltapine) 11-A

## FOUNDATION PLANTING COTTON SEED

BRED AND GROWN BY  
**DELTA AND PINE LAND CO., SCOTT, MISS.**

Again the Russell Heckle Seed Company is happy to present Deltapine 11-A foundation planting seed. Last year, 1938, we accepted the distributorship of Deltapine from the originators because we believed in it. Believing in its great merits we recommended it, and our friends and customers accepted our recommendation to the extent of buying from us 84,375 bushels of D.P.L. Foundation planting seed.

When this was written (October 18th, 1939) we had already sold for 1940 planting more D.P.L. than we had sold at same date last year. The reason is simple—Deltapine is the outstanding short staple cotton known today, and has been for the past five years. A farmer is not hard to convince when he sees with his own eyes Deltapine producing for his neighbor so much more than he is able to make with another variety.

There is no ballyhoo about the Delta & Pine Land Company; and no mystery about their methods. They welcome visitors from all over the world, and gladly show them the entire plantation, and explain their methods. They are easily the best known planters in the South, and have a world-wide reputation as cotton breeders.

Dr. J. W. Fox, internationally known agriculturist, has directed the farming operations of the Company for 26 years. Mr. E. C. Ewing, who organized the cotton breeding work of the Mississippi Experiment Station beginning in 1911, has been in charge of the Company's Experimental work for 24 years. To him goes the credit for Deltapine 11-A to which variety the Company plants its entire acreage at Scott, Miss.

The Delta & Pine Land Company maintains around 200 acres in experimental work. When a certain variety shows distinct advantages over other known varieties, the Company adopts the new variety and tests it out by planting a considerable acreage. When under field conditions, the new variety has demonstrated its merits, they discard all the other varieties and plant their entire property to the improved variety. The Company sells no seed until they are so convinced of its merits that they plant their entire acreage in the newly developed variety. And that's the story of D. & P. L. (Deltapine) 11-A—it has proven the most profitable cotton among all those tested for years. When and if they find a cotton that will produce greater revenue, they will adopt it, for after all their business is primarily the production of cotton. Their experimental work goes on continually.

D. & P. L. (Deltapine) 11-A is the most productive variety the Company has ever planted in its 27 years of existence. They began growing this strain in 1936, and for three years, 1936, 1937, and 1938, have produced an average yield of 646 pounds of lint per acre on an average acreage of 10,000 acres. When this was written, October 1939, the 1939 crop was not all gathered but the yield is estimated to be 700 to 750 pounds per acre, on 8,534 acres. Such a record is truly remarkable.

D. & P. L. (Deltapine) 11-A combines an unusually high lint percentage with a good staple. In the Delta the lint percentage runs 38% to 39%; outside the Delta 39% to 42%. In the Delta the staple is 1-1/16 to 1-3/32 inches long, and in the hills the staple runs from 1 inch to 1-1/16 inches. The bolls are medium size but fewer bolls are required to make a pound than from many other varieties having larger bolls. It is unusually easily picked, but also fairly storm resistant.

All seed are de-linted, and chemically treated with Ceresan, which means they will go much further in planting and give much more improved stands. All seed are packed in 100-lb sealed bags, bearing the Company Pine Tree trade mark. All seed grown on the Delta & Pine Land Company properties at Scott and Deeson, Miss.

Persons desiring pure D. & P. L. (Deltapine) 11-A are warned by the Company that Foundation first year D. & P. L. (Deltapine) 11-A seed can only be purchased from the Delta & Pine Land Company or from duly authorized and licensed dealers, of whom Russell-Heckle Seed Company are one.

D. & P. L. (Deltapine) 11-A at State Experiment Station.

### ARKANSAS

D. & P. L. (Deltapine) 11-A average rank at all ten locations combined was first in value, and second only to Half & Half in yield of lint for 1936, 1937 and 1938.

### ALABAMA

Deltapine Cotton has the best record of any variety that has been tested for as long as five years.

### LOUISIANA

Deltapine has ranked first, without exception, in each of the last three years in the variety test of the Louisiana Station at Baton Rouge, located on bench land. Deltapine is recognized as the best generally grown variety in Louisiana.

### OKLAHOMA

D. & P. L. 11-A has ranked high in variety tests and demonstrations in Eastern Oklahoma since these tests have been conducted by the Extension forces. The variety is increasing in popularity in Eastern Oklahoma, where it is now reported to be the leading variety.

### MISSOURI

In the two-year variety tests of the Missouri Station, conducted at Steele, D. & P. L. 11-A ranked first. In the tests at Sikeston this cotton has a good record, though we are advised that the yield was not as good as usual there and at Senath in 1938 because of poor seed.

### TENNESSEE

Results of variety tests have not been published in recent years by the Tennessee Station. D. & P. L. 11-A is one of the most widely grown cottons in this state, being one of the few recommended by extension officials.

### AVERAGE LINT YIELDS OF COTTON VARIETIES TESTED BY MISSISSIPPI EXPERIMENT STATIONS FOR 5 YEARS

Variety	State College Lbs.	Holly Springs Hill Lbs.	Holly Springs Valley Lbs.	Raymond (1) Hill Lbs.	Raymond (1) Valley Lbs.	Poplarville Lbs.	Natchez (2) Lbs.	Stoneville Delta Lbs.	Period Averages All Stations Lbs.
Deltapine A (D. & P. L. 11-A) (a)...	544.3	457.4	779.9	491.6	548.9	407.4	704.0	566.8	562
Miller .....	531.8	440.4	719.1	464.0	524.0	373.4	595.8	527.5	522
Cleveland 54 .....	506.5	410.9	672.6	461.7	502.6	412.2	619.0	489.8	509
Stoneville 2B (b) .....	502.5	464.0	734.8	478.4	519.4	396.2	665.7	512.2	534
Stoneville 5 .....	495.6	445.2	770.0	501.7	547.3	408.1	598.7	525.5	536
Acala 892 (c) .....	487.9	471.0	743.6	470.2	529.3	357.9	564.6	487.1	514
Delfos 531B (d) .....	476.7	385.1	699.5	420.7	443.7	333.4	492.9	515.1	471
Half & Half .....	469.7	511.2	787.0	519.3	458.8	462.0	478.2	465.8	519
Rowden (e) .....	449.4	411.0	665.5	432.5	496.2	309.4	530.8	509.1	476
Missdel 7 (f) .....	389.2	343.4	569.3	367.3	473.8	305.4	485.1	426.7	420
Washington (Delfos 719) .....	493.4	436.4	701.2	446.2	494.4	337.3	494.5	496.3	486

(a) D. & P. L. 11, 1933 and 1934.

(b) Stoneville 2, 1933, 1934, and 1935, Stoneville 2A, 1936.

(c) Acala 4067, 1934; Acala 891, 1935, 1936, and 1937.

(d) Delfos 531, 1934 and 1935; Delfos 531A, 1936.

(e) Rowden 5031, 1934, 1935, and 1936; Rowden 7017, 1937.

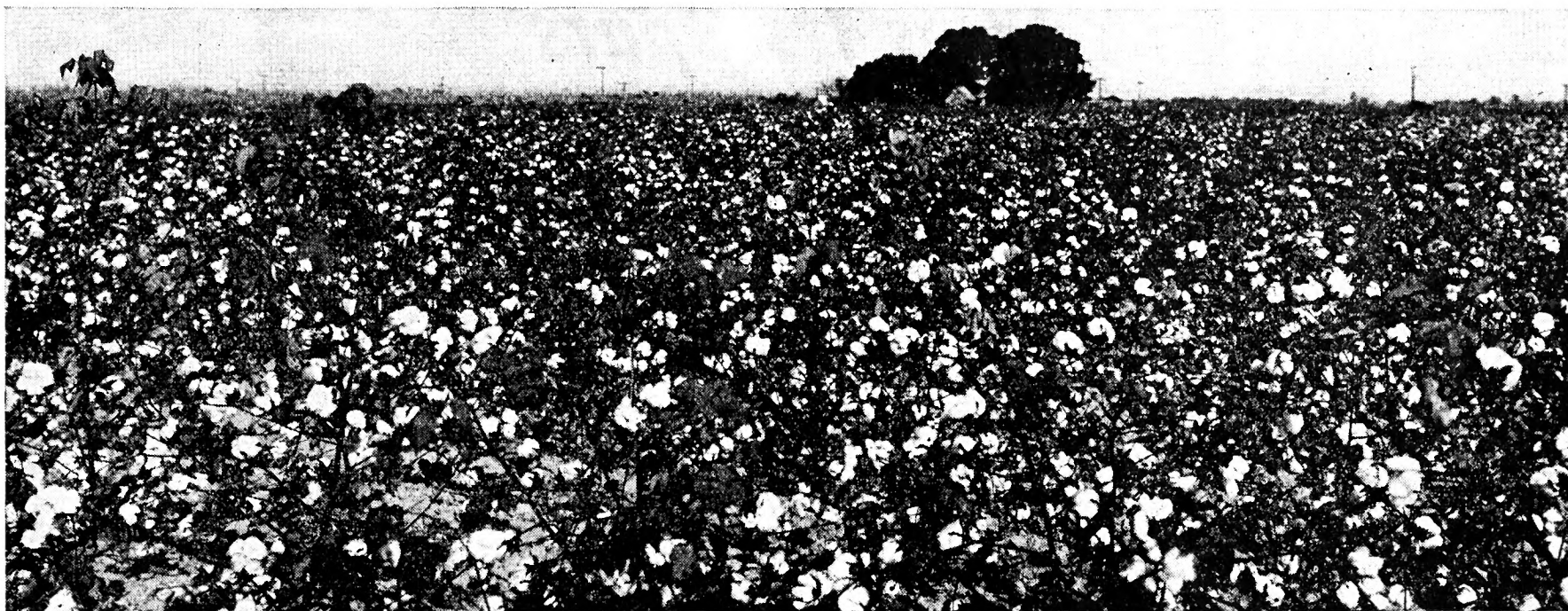
(f) Missdel 1, 1934 and 1935.

(1) Four-year average 1933-1937; no reports published for 1936 and 1938

(2) Five-year average 1933-1937; no report published for 1938.



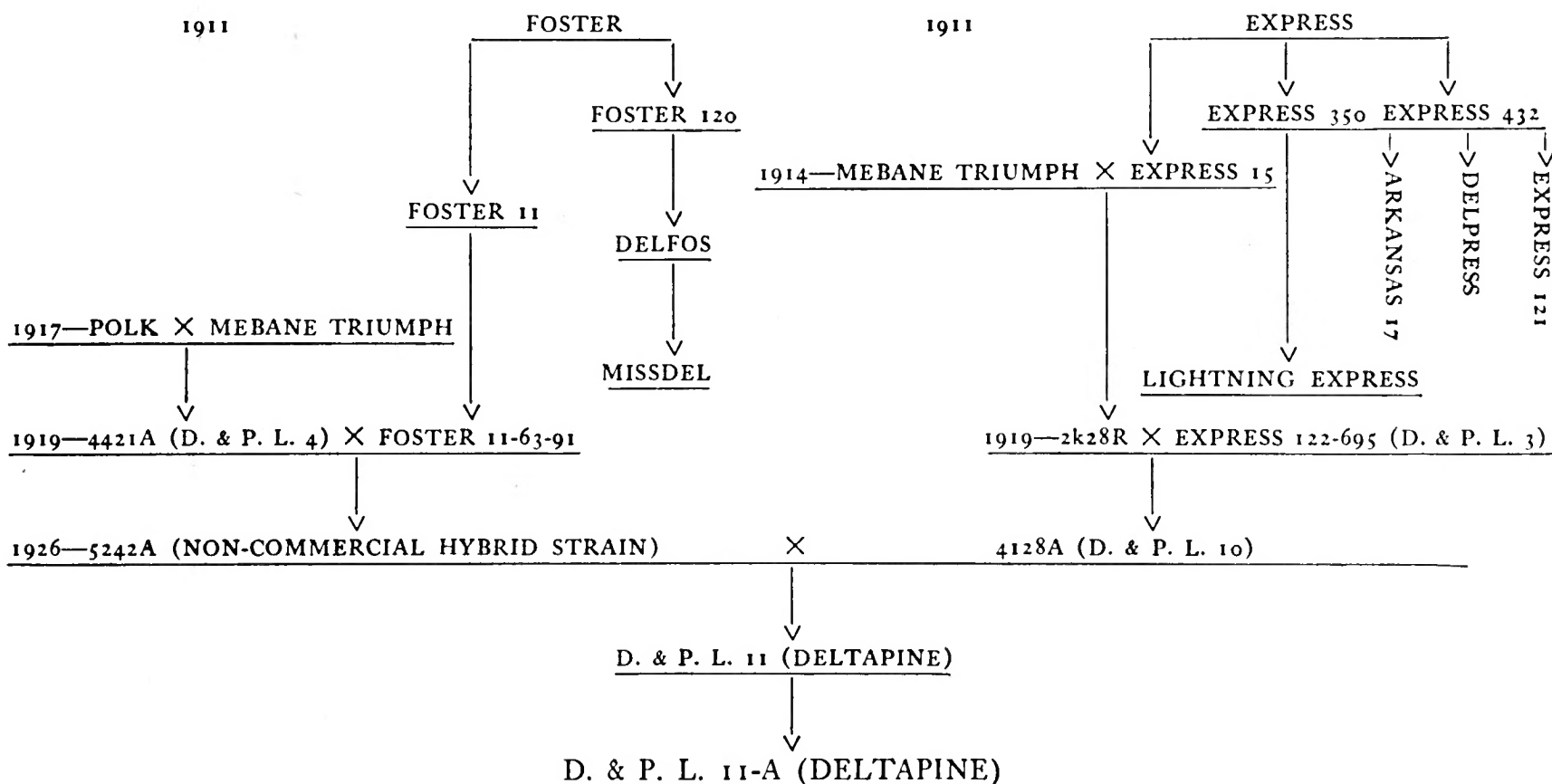
A FIELD OF  
D. & P. L. (DELTAPINE) 11-A **COTTON**



D. & P. L. (Deltapine) 11-A contains the "blood" of several varieties such as Mebane-Triumph, Express, Foster (or Delfos) and of Polk, each of which possessed certain valuable characters, but was handicapped by certain other undesirable qualities. It is a well-known fact that certain characters, much desired in cotton, are antagonistic to each other. For example, long staple and productiveness are opposed to each

other, and long staple and high lint percentage are highly antagonistic. Through hybridization we have succeeded somewhat in breaking down some of these antagonisms. The present variety has been built up to comprise, as it does, as many desirable and as few undesirable qualities as we could combine in a single variety. Note its pedigree in the following diagram.

DIAGRAM OF THE PEDIGREE OF DELTAPINE (D. & P. L. 11 AND D. & P. L. 11-A)



**Only One Variety This Year**

For years we have stocked numerous varieties of cottonseed, offering our customers choice of 8 or 10 different cottons. Cotton prices are so low this year that it seemed to us there would be less demand for so many different cottons. On the other hand, it is unquestionably true that D. & P. L. 11-A is better known in the Memphis territory, and more planted than any other variety of cotton. Further there are any number of one-variety communities over the South that have adopted Deltapine 11-A as the only cotton to plant.

Therefore, we are this year cataloging only D. & P. L. (Deltapine) 11-A foundation cottonseed, bred and grown by Delta & Pine Land Company,

Scott, Miss. We are sure that our customers will be delighted to know that we are again exclusive distributors for Tennessee, Arkansas, Oklahoma, Missouri, Kentucky and Illinois.

We have been handling cottonseed for 25 years and in all that period we recall no cotton that has enjoyed the widespread popularity and success that Delta & Pine Land Company cottons have had throughout that period. Write for complete booklet, D. & P. L. Deltapine foundation cotton seed.

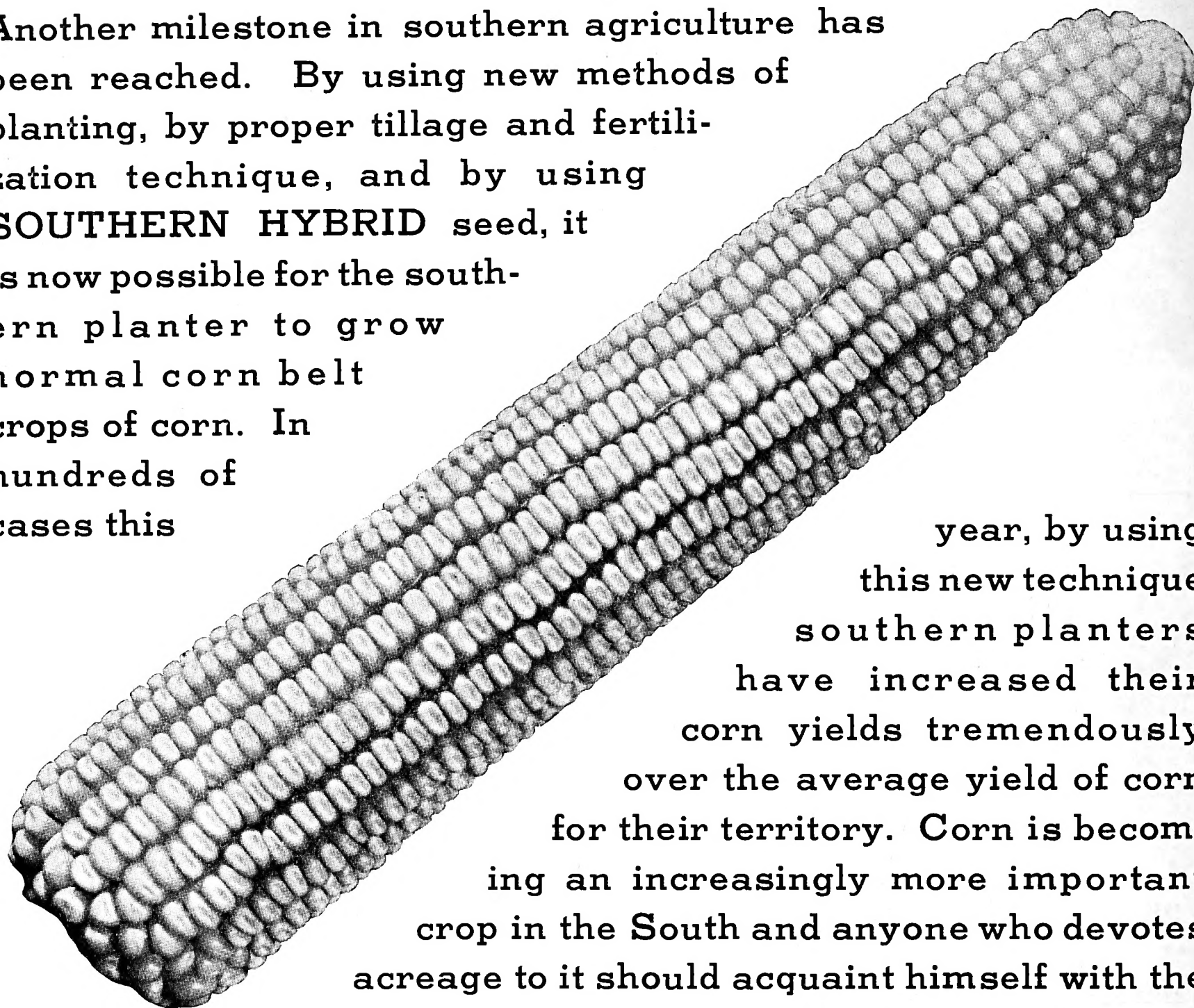
Prices: Current prices on D. & P. L. (Deltapine) 11-A foundation cottonseed are given on our Green Ink List enclosed.

**FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED**  
[3]

# SOUTHERN HYBRID CORN

## *Wins Its Spurs*

Another milestone in southern agriculture has been reached. By using new methods of planting, by proper tillage and fertilization technique, and by using **SOUTHERN HYBRID** seed, it is now possible for the southern planter to grow normal corn belt crops of corn. In hundreds of cases this



year, by using this new technique southern planters have increased their corn yields tremendously over the average yield of corn for their territory. Corn is becoming an increasingly more important crop in the South and anyone who devotes acreage to it should acquaint himself with the latest and most improved methods of growing corn.

### *Read What Users of Southern Hybrid Corn Have to Say About It*

Russell-Heckle Seed Company  
Memphis, Tennessee

Gentlemen:

We raised about 45 bushels to the acre on top hill. It was never chopped. There was almost a corn crop failure on adjoining farms. I believe in it so much I intend to plant some next year. This is the best hill corn we have had in many years. We take pleasure in recommending it to other farmers.

Yours truly,  
Signed

M. A. Pool

Memphis, Tennessee  
September 14, 1939

Russell-Heckle Seed Company  
Memphis, Tennessee

Yours of the 14th received and will say that the Hybrid corn is not only the best drought resistant corn we have ever planted, but it is the most prolific. We find that it stood up under the drought better, can leave it closer in the drill and is the earliest maturing corn we had. All in all I believe it is the surest bet for a corn crop of any corn we have ever planted.

Yours very truly,  
Wilmont Plantation  
Signed J. W. Clarke

Merigold, Mississippi  
September 18, 1939

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



## TESTIMONIAL LETTERS—Continued

Lepanto, Arkansas  
September 23, 1939

Russell-Heckle Seed Company  
Memphis, Tennessee  
Gentlemen:

Your recent letter asked what I thought of the Southern Hybrid that I bought from you last spring. I wish to say that it far exceeded my expectations; in fact, I had no idea that I could make that much corn on 15 acres.

I will make twice as much corn with Southern Hybrid on the same number of acres as I will with the open pollinated corn. The ears are well protected, the shucks covering the entire ear. I consider it far superior to other Hybrid corns I have observed over this way, and I expect to plant my entire crop with your Southern Hybrid next spring.

Very truly yours,  
Signed J. T. Lee, Jr.

Avery Island, Louisiana  
September 18, 1939

Russell-Heckle Seed Company  
Memphis, Tennessee  
Gentlemen:

In response to yours of the 14th, the Southern Hybrid Corn gave wonderful results in my fields under very adverse weather conditions. My overseer reports a heavier yield from the seed bought from you than he has seen from any other corn.

Very truly yours,  
Signed E. A. McIlhenny

Maud, Mississippi  
September 18, 1939

Russell-Heckle Seed Company  
Memphis, Tennessee  
Gentlemen:

This spring I bought five bushels of Southern Hybrid seed corn from you, and although I did not plant my hybrid close enough in the drill to get the increase yield, I am well pleased with it and expect to buy much more another year.

I planted the Hybrid corn exactly as I did my Neal's Paymaster, in 38-inch rows and 30 inches apart in the drill. I watched this corn all of the year, and in contrast to my Neal's Paymaster. I am convinced that the Hybrid corn could have been planted much closer, and therefore would have made more corn. The root system seemed to be much larger and much stronger than my other corn and the stalk and foliage on the Hybrid corn was only about 60 per cent of what it was on the Neal's Paymaster.

I planted both of these corns following a bur clover crop plowed under, and both of them are making about 50 or 60 bushels per acre, but I feel sure that the Hybrid Corn would have made more per acre if I had planted it about 18 inches apart in the drill, and I believe it would stand planting that close together.

Thanking you,

Yours very truly,  
Signed G. D. Perry, Jr.

Cotton Plant, Arkansas  
September 18, 1939

Russell-Heckle Seed Company  
Memphis, Tennessee  
Gentlemen:

In reply to your letter regarding the Southern Hybrid Corn. It is agreed by those who have looked at it that it will make fully 83½ per cent more corn than other corn planted in the same field and that the yield on the Hybrid will be at least 50 bushels per acre.

Very truly yours,  
Signed S. M. Bush

Keirn, Mississippi  
September 18, 1939

Russell-Heckle Seed Company  
Memphis, Tennessee  
Dear Sirs:

Am writing you as per your request on Southern Hybrid Corn. The yield per acre is much better than the general run of seed corn. Fifteen bushels per acre better than corn planted at the same time and cultivated alike.

The root system is very good. The corn was planted March 20th in 38-inch rows, and not a single stalk has fallen down. Neither did it develop any suckers as is usual for average corn in our climate.

Would be interested in hearing from you on the two later strains you mention in your letter.

Your very truly,  
Signed J. E. Gwin

Mr. J. B. Snow, Aberdeen, Miss.

The best all around corn I have ever planted.

Mrs. M. Schierbaum, Shelby, Miss.

The corn is wonderful. I am well pleased with same.

S. W. Kirton, Wickes, Ark.

In regard to the Hybrid seed corn, I like it fine. It out-yielded the "open-pollinated" and it seems to be more resistant to smut and other diseases.

Mr. J. F. Sloan, Black Rock, Ark.

I planted my corn late, but it is making a better yield per acre than my regular corn. Possibly 10 per cent better than regular and we had a hard season for it, at first too wet, then too dry.

Mr. Geo. Edrington, Osceola, Ark.

I like your corn and will order more next spring.

Mr. Frank Etheridge, Philadelphia, Miss.

I think your Hybrid corn is a fine corn and will stand even more wet weather than regular corn and much more dry weather.

Mr. C. C. Bruce, Memphis, Tenn.

We believe it will produce twice as much per acre as open pollinated corn, and will plant it extensively next year on my farm at Cherry, Tenn.

Planters Merc. Co., Alligator, Miss.

Think we will plant one half our acreage in Hybrid next season. Thoroughly satisfactory.

Mr. J. S. Wakefield, Cleveland, Miss.

The two bushels Southern Hybrid mentioned above was planted 25th March, had plenty roasting ears 15th June and two to four ears on every stalk. I think that is plenty good. The four-acre patch of corn produced around 280 bushels. As a drouth resister it is the best.

Mr. J. W. Smither, New Orleans, La.

The corn crop in my immediate section is a failure this year, but I got better results from the corn from your seed than any that I planted. I intend to buy some from you next year and plant it early. The tenants like it and all agree that if this corn is planted in February or March in our section and gets good season that we shall get real good results. It matures early and makes a good ear and grain.

C. T. Jacobs, Jr., (Janan Acres) Gunnison, Miss.

Concerning Southern Hybrid corn, the seed which I purchased from you I want to say that I am very enthusiastic over this corn and have advertised its results quite widely. I have just started harvesting this corn and from one field of 7¼ acres I have harvested 538.49 bushels. From .83 of an acre I harvested 67½ bushels early in August, however that was planted about the 20th of March.

Bro. Louis Schmidt, (Morris School for Boys), P. O. Box 137, Searcy, Ark.

Your Southern Hybrid 63 was quite a curiosity in our locality this year. They were so well pleased with the extra good stalks and ears, it stands up unusually well; and has average height, ears and tassels.

Louis Reeves, Fisher, Arkansas

The Hybrid Corn taking the dry weather better than any other corn around here. Yielded better than the other.

B. Wolf, Pace, Mississippi

Stood drouth better, made better yield than other corns.

Ed Belshe, Round Pond, Arkansas

Made better yield, and stood drouth much better.

R. B. Flanagan, Turrell, Arkansas

I planted this corn on heavy black land, and although conditions were very unfavorable I have a very good crop of corn. I feel that if I had had ordinary corn planted on this land I would not have had more than one-half of the yield I will receive from this corn.

J. C. Alley, Rose Bud, Arkansas

I am well pleased with the Hybrid Corn I bought from you. I planted my corn 50 per cent thicker than usual and have a good crop, better than my neighbors' corn planted much thinner.

# Why Planters Who Used a Few Bushels of Southern Hybrid Corn Last Year Are Planting Most of Their Corn Acreage to It This Year



## GREATER YIELD

Southern Hybrid Corn consistently yields more bushels of corn per acre, year in and year out, wherever it is planted.

(In comparing Southern Hybrid Corn with open pollinated corn, it must be remembered that all conditions affecting the corns being compared must be equal; otherwise a true comparison cannot be made.)

## EASIER HARVESTING

The uniform height of the ears of Southern Hybrid Corn makes it twice as easily harvested. No stooping, no scraping in the mud is required. There are virtually no down stalks, and the ears are all on the same level. Many planters report that if Southern Hybrid Corn did not yield any more than their open pollinated corn they would plant it for this feature alone.

## STIFFER STALKS

When hard winds lay other corn flat Southern Hybrid Corn stands firm and erect. The stalks are so much stiffer, its roots so much deeper that the problem of twisted and down corn is virtually eliminated when you plant SOUTHERN HYBRID CORN.

## DEEPER ROOTS

The roots of Southern Hybrid Corn have been known to go down EIGHT FEET. When drouth strikes they dig down for moisture and produce a crop where other corn fails. In normal years these deeper roots tap a supply of food that ordinary corn never reaches.

## A SURE CROP

It costs less than \$1 per acre to plant Southern Hybrid Corn. For that nominal cost you get more bushels of corn per acre plus protection against wind, drouth, disease and pests plus uniform ears of a distinct quality.



This actual photograph of Southern Hybrid 312 shows the prolific earring habits.



## Important Announcement

### SOUTHERN HYBRIDS 61 AND 63 TO BE REPLACED WITH IMPROVED HYBRIDS

We are pleased to announce to you that the breeders of Southern Hybrid Corn have developed hybrids so superior to Southern Hybrids 61 and 63, which were used last year, that it has been decided to drop 61 and 63 entirely. In their place we offer two new improved hybrids.

## New Introductions

### SOUTHERN HYBRID 312

This is a dark green, drouth resistant, prolific eared corn which carries good resistance to weevils because of its hard kernel texture, but produces a maximum yield of grain without too much stalk. It is extremely uniform in growth and is outstanding in every way.

### SOUTHERN HYBRID 325

This is one of the most heat resistant hybrids produced. The dark green leaves are tough and resistant to hot winds, and the deep root system supplies moisture while most other corns are burning up. It is one of the best forms of insurance yet produced against hot, dry weather and yet it makes top yields under favorable conditions.

Note: Both Southern Hybrids 312 and 325 can be used for planting on either delta or upland soils. They are outstanding improvements over Southern Hybrids 61 and 63 and are destined to be very popular among southern planters.

### PRICES OF SOUTHERN HYBRID CORN

Quantity	Postpaid	Not Postpaid
1 gallon (enough to plant 1 acre) .....	\$1.50	\$1.25
1 peck .....	2.60	2.25
½ bushel .....	4.65	4.00
1 bushel or more, per bushel.....		7.00

Stock limited.

## IMPORTANT RECOMMENDATIONS FOR THE PURCHASERS OF SOUTHERN HYBRID CORN

We recommend that Southern Hybrid Corn be planted in fields which are at least average in fertility. If planted on worn-out soil, commercial fertilizer should be used.

We strongly recommend that no soy beans or peanuts be planted with Southern Hybrid Corn. Southern Hybrid Corn will stand a heavier rate of planting than open pollinated corn, but if maximum yields per acre are to be realized auxiliary crops should not be planted. These crops take moisture and soil fertility away from the corn. If a corn crop is to be grown, the important thing is to grow as much corn as possible.

We recommend that Southern Hybrid Corn be planted at the minimum planting rate of 18 inches apart in the row and in rows no wider than 42 inches.

Southern Hybrid Corn is bred and produced for us by a distinct and separate department of a company which is one of the largest growers of hybrid corn in the world. This department embraces growing and processing facilities and in addition maintains an entirely separate research department, the function of which is to continually strive to improve hybrids for southern conditions. For convenience sale only, the seed of all Southern Hybrids is grown in McLean County, Illinois.

(It is a scientific fact, attested to by all experimental agencies breeding hybrid corn, that the locality in which a hybrid is produced will not affect the hybrid. We explain this to you because the exact reverse is true of open pollinated corns.)

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

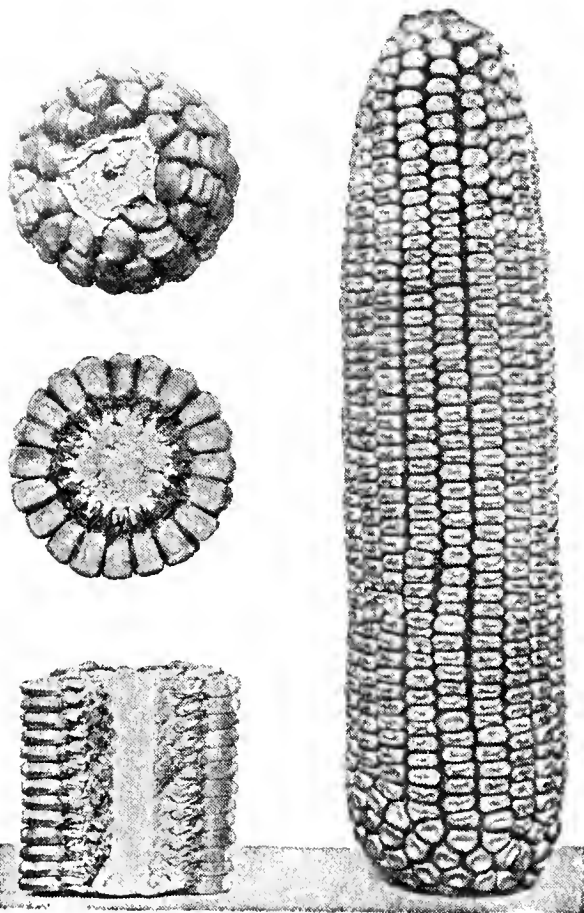
## R.-H. Co.'s Top Notch Corns

When we selected Top Notch brand for our seed corn many years ago we had in mind the highest standard of quality, and every year since then we have tried to live up to that brand. The tremendous volume of TOP NOTCH quality seed corn that we sell year after year is ample proof that farmers are pleased with our corns.

Top Notch brand corn costs a trifle more than machine-graded corns and are more than men who know seed corn. Every ear hand-selected, hand-nubbed and tipped before shelling, then graded and recleaned.

Top Notch brand corns cost a trifle more than machine-graded corns and are more than worth it. If they cost \$1.00 per bushel more that would be just 12½ cents to 15 cents per acre additional cost. One peck per acre additional yield from Top Notch brand would equalize that—we believe you can expect 10 to 30 extra bushels per acre with Top Notch corns.

Seed corn produces best results when planted under climatic and soil conditions similar to those under which it was originally produced. Our seed corn is produced in localities where each variety is at its best. With corn as with other crops no one variety has all the best qualities. No one variety is best suited for all soils and conditions. Plant corn suited to your locality. Southern varieties usually make best yields in the South, but for those who want quicker action we are prepared to supply the best Northern and Western varieties.



Top Notch Yellow Dent

TO PROTECT CORN FROM BIRDS  
TREAT WITH CRO-TOX  
BIRD AND CROW REPELLER

### R.-H. CO.'S EARLY SURPRISE

(85 days.) This splendid early corn is already well-known. You can plant it early and gather it early. Dependable because it matures before the summer droughts. The white grains are medium size. Ears snow-white, about 8 inches long. The grains are set on a medium white cob; stalks medium tall and produce average two good ears. Our stock of Northern Early Surprise corn is genuine, grown for us by the introducer. Be careful—don't be misled and plant Early Surprise of uncertain origin.

Postpaid, 5 lbs., 70c. Not prepaid, 5 lbs., 50c. Quantity prices are given on our Green Ink List.

### TOP NOTCH EARLY SNOWFLAKE. (90 days.)

Large size, very early in maturing, grains snow white. Ears are 8 to 10 inches in length—a dependable variety for early use.

### TOP NOTCH HASTINGS' PROLIFIC. (120-130 days.)

It will make 2 each to the stalk on average land, and if planted 24 to 30 inches apart in the row on good strong land, 4 to 6 ears to the stalk can be had. The ears are well filled at both ends; the cob is small; the shuck is heavy and covers the ear tightly, protecting it from birds and insects.

### TOP NOTCH NORTH CAROLINA PROLIFIC. (115 days.)

A beautiful white prolific corn. Well adapted to both field and table purposes, just flinty enough for milling the most beautiful meal. Some of the largest yields of corn ever made in the South have been made with this prolific corn.

### TOP NOTCH PAYMASTER. (100-115 days.)

We endorse this corn as one of the most satisfactory and heavy yielding corns for southern farms. Bred in Tennessee, its excellence reached the point where 75 per cent of all the corn planted in the state of Tennessee is reported to be Paymaster. Paymaster is now planted all over the South. White grain, cob bright red; mostly 2 ears to stalk, ears well filled to end. A tall variety making good ensilage.

### TOP NOTCH TENNESSEE WHITE RED COB. (120 days.)

An extra large field corn; grains long, white, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long and have from 18 to 20 rows. The stalks grow from 8 to 12 feet high, are broad, strong and short-jointed. It makes one of our best ensilage corns.

### TOP NOTCH HICKORY KING. (120 days.)

The white grain is so wide and deep, and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk.

### TOP NOTCH ST. CHARLES WHITE RED COB. (100 days.)

The ears are large, both in length and circumference. The grains are deep and firmly set in a medium large red cob.

### TOP NOTCH SILVER MINE. (100 days.)

Ears measure from 10 to 12 inches in length. They are very uniform in size and shape, 16 to 20 straight rows of deep, pure white kernels on a small white cob.

### TOP NOTCH WHITE DENT. (100 days.)

White grains, slightly dented, medium size white cob, ears good length, well filled. An old standby for late planting.

### TOP NOTCH MOSBY'S PROLIFIC. (110-120 days.)

One of the most prolific corns in existence; the stalks are tall, bearing 2 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a southern corn, and is recommended for general crop. It is pearly white, small cob, deep full grain, neither too hard nor too soft.

GRADE YOUR SEED CORN WITH A CLIPPER CLEANER; SEE PAGE 13

### HOW TO MEASURE CORN IN THE CRIB

This will apply to crib of any kind. Three cubic feet of sound, dry unshucked corn in the ear will make a bushel.

To get the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth and height of the crib inside of the rail, multiply the length by the breadth and then multiply the product of these two dimensions by the height; then divide the product by three and you will have the number of bushels in the crib.

2½ cubic feet of corn without shucks, equal one bushel of ear corn.

Top Notch Silver Mine

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

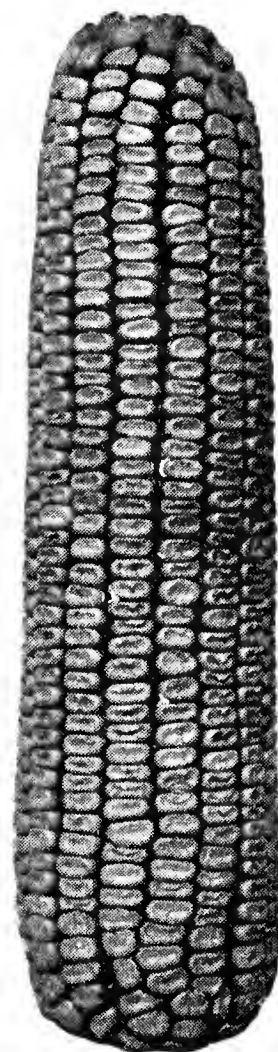


## NO HARPETH RIVER CORNS FOR 1940

We are disappointed to announce we shall not be able to offer our Harpeth River Corns this Spring. Very unfavorable weather conditions caused the corn there to be lower quality than we feel our customers have learned to expect from us, so we prefer to offer none this year. We expect to be back next year with our usual fine quality Harpeth River varieties.



A Field of Top Notch Jarvis Corn



Top Notch Jarvis

## TOP NOTCH CORNS—Continued

**R.-H. CO.'S GOLDEN SURPRISE (Leaming Yellow).** (90-100 days.) A large yellow corn for our Southern farmers. Ears  $8\frac{1}{2}$  to  $9\frac{1}{2}$  inches long, usually 14 to 16 rows of well-dented grains, grows a stalk 7 to 10 feet high. Among its excellent qualities are the grains, which are very narrow and deep, of a bright golden yellow color and are medium hard, not at all flinty, just hard enough to stand the rainy weather conditions to keep ears from rotting. Golden Surprise produces well on most any soil—good upland as well as low moist locations. It is a good yielding variety. Each stalk produces two good large ears, shells easily, is also often used for an ensilage crop.

**TOP NOTCH JARVIS GOLDEN PROLIFIC.** (110-120 days.) This is one of the finest corns for this section on our list. A natural drought-resisting variety, one of the few varieties of Yellow Corn that produces more than one ear. It is hardy enough to withstand any kind of weather in the fall. Crops have been left in the field until early spring and then came out good, sound corn. A native southern yellow corn, carefully bred, and one that bears two good ears to the stalk. The stalk is rather dwarf, 6 to 8 feet high, and does not fall down in stormy weather. Grains are bright golden yellow; ears are firm and solid, about 7 to 10 inches long. The grain is medium in size. This is a very productive and desirable variety, and is drought resistant. Our seed is all carefully selected. It will please you.

**TOP NOTCH EARLY YELLOW DENT.** (90 days.) Yellow grains, medium size red cob, ears good length. One of the popular varieties, for late planting particularly.

**TOP NOTCH LARGE GOLDEN DENT (Yellow St. Charles).** (100 days.) Large golden grains, big ear, red cob, medium size. Extremely popular.

**TOP NOTCH GOLD MINE.** (105 days.) A dandy big eared yellow corn that succeeds well in this section. Grains medium long, bright yellow and set on medium to large size ear about 8 inches in length. Does well on good uplands.

**TOP NOTCH MEXICAN JUNE CORN.** (90 days.) Our native grown selected strain. This dependable variety, largely planted late in the spring throughout the entire Cotton Belt, originally came from Mexico. It is largely used for planting after oats and wheat, and can be planted as late as August 15th with good results. The stalks are usually short, although early plantings make stalks 12 to 15 feet high, leaves 4 to 5 feet long. The roots run deep and spread, so that it is a splendid drought resister. Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, occasionally you'll find a red cob with white and some blue grains. This apparent mixture of color is peculiar to many varieties of Mexican corn.

**TOP NOTCH TAIT'S EARLY WHITE Dent.** (90 days.) One of the few early White Dent varieties with a small cob; makes large beautiful ears, and the smooth dent grains are pure white. It is ideal for early feed or roasting ears.

All corn prices on Green Ink List.

## POP CORN

**Culture**—One ounce to 40 feet of row, 5 to 7 pounds per acre. After the ground is warm, sow in rows  $3\frac{1}{2}$  feet apart. Always sow more than one row so that the ears will be fully pollinated.

**SOUTH AMERICAN YELLOW DYNAMITE.** (120 days.) This new Pop Corn is beautiful creamy yellow when popped, very large, crisp and delicious. Will be greatly relished by every member of the family.

**BABY RICE or JAPANESE HULLESS.** (120 days.) Ears from 6 to 7 inches long with rice-colored grains.

We can supply the above varieties. Prices uniform. Postpaid, 1 lb., 25c; 5 lbs., 70c. Not prepaid, lb., 15c; 5 lbs., 50c.



TREAT SEED CORN WITH NEW IMPROVED SEMESAN JR.

Better stands and healthier plants mean increased yields. Numerous tests on Corn Belt farms with growers' seed show that dusting the seed with New Improved Semesan Jr. increases the average yield about 10 per cent. In tests on 45 farms, New Improved Semesan Jr. increased the yield on 41 of them. The increases ranged from  $1\frac{1}{4}$  to 8 bushels an acre. See page 20 for prices.

SEE PAGE 58 FOR HAND CORN PLANTERS

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

## ALFALFA RANKS FIRST

Alfalfa deserves to rank first among the legumes. It furnishes more green forage, more pasture and more dry hay per acre than any known variety of hay or grass. Pound for pound of dry feeding matter, it is worth more than any other forage—and is relished by stock, cows, sheep and hogs.

As a soil builder, there is nothing better—extremely deep rooted, it withstands drought better than most other legumes. In the South, alfalfa usually lasts 4 or 5 years without re-seeding, sometimes longer, depending on presence of weeds, weather conditions, etc. Do not pasture so closely as to injure the crown or new shoots.

## GETTING A START

Alfalfa requires a sweet soil—if your soil is acid, apply some lime ahead of seeding, the fall previous to seeding if possible, at least three tons ground limestone per acre broadcast and harrow this in. It will not grow on acid soil. Sow on good loam or clay or medium sandy soils, provided they are well drained to a depth of at least 4 feet. Avoid soil with a "hard-pan" close to surface, for it prevents drainage. Avoid low spots where water stagnates or freezes—alfalfa cannot stand "wet feet." Sow on a bed free of weeds—if possible, sow on land which has been in some cultivated crop. Plow previous fall if possible, or at least several weeks in advance of seeding. Then disc and harrow frequently to set the seed bed—a firm seed bed is desirable as it conserves moisture.

## PLANTING DIRECTIONS

Plant in March and April, September and October. May be sown with a grain drill with seeder attachment, with a special alfalfa drill, a wheelbarrow seeder or a hand seeder. We favor wheelbarrow seeder with 14-foot hopper, putting it down evenly with little chance of blowing by wind. Should be covered to bring it in contact with soil moisture. Sow 20 to 25 pounds of seed per acre. Many of the most successful growers sow 30 to 35 pounds. Wait until there is sufficient moisture before you plant, then cover about one inch. Some roll the seed in, using corrugated roller or culti-packer. This conserves the moisture and is a great help in getting good stands.

Poor land is not suitable to alfalfa, unless well manured, or you can first turn under a crop of sweet clover (that has been inoculated) or soy beans.

Never pasture alfalfa the first season and only lightly the second season. Never graze too closely and never turn stock into it when ground is wet or frozen.

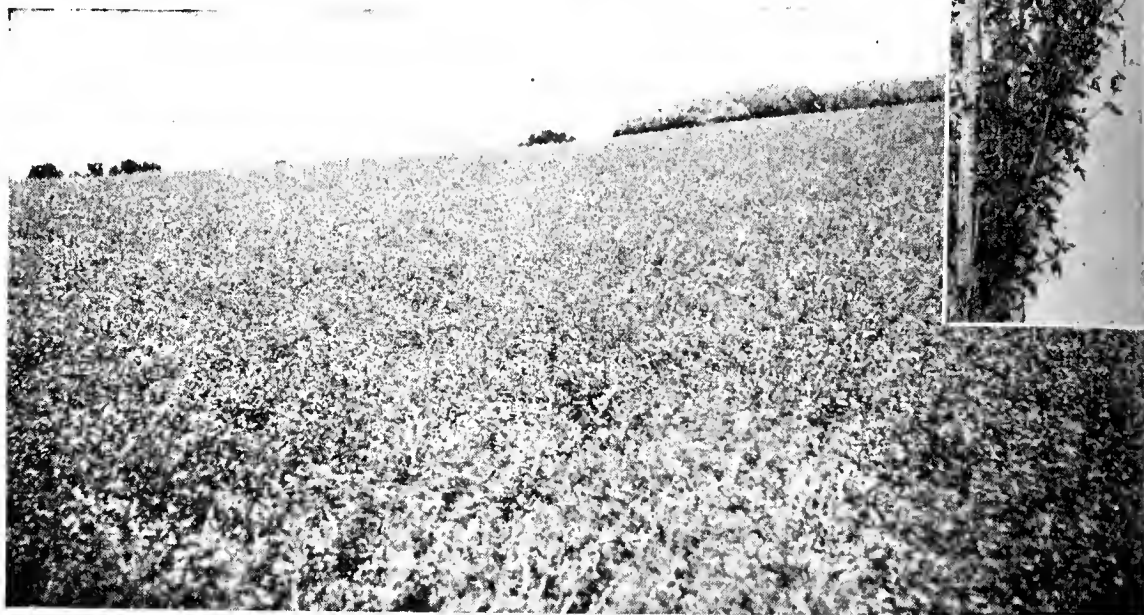
**Cutting Hay.** Cut your hay when blossoms first appear or when in full bloom. If blooming only sparingly or not at all, then cut when new shoots begin to grow on lower part of stems. Hay cut early is more palatable and has higher protein content. Set mower so as not to injure crown.

**Curing Hay.** The less handling of the hay after it begins to dry the more leaves remain, and much of the feeding value is in the leaves. Rake the hay before it becomes brittle and cure it in the cock unless weather is very uncertain. Do not put in barn until well cured.

**Cultivating.** So long as the stand is satisfactory and seems to be making good growth, leave it alone. If, however, crab grass, Alfalfa's greatest enemy in the South, begins to crowd in, a cultivation after each mowing will help to keep down the grass and should not injure the alfalfa in the least. Use a spike tooth or spring-tooth harrow. Do NOT use a disk harrow.

**INOCULATE THE SEED BY ALL MEANS.** If not inoculated, young plants have to depend on whatever nitrogen is available in the soil, usually not a fifth of the large quantity they require. When inoculated, the bacteria soon supply all the nitrogen the plants require and assure a vigorous growth. Lack of inoculation has caused many alfalfa failures. Use Nitragin, described and quoted on page 21 of this catalog.

## RUSSELL-HECKLE'S TOP NOTCH ALFALFA



A Field of Top Notch Hardy Northwestern Alfalfa

**RUSSELL-HECKLE'S TOP NOTCH FIELD SEEDS**—The most vital need of those who depend for their living on the products of the soil is pure seed, not mixed with noxious weed seed, and of high germinating quality. Our Top Notch brand was originated to designate seed stocks filling just that need, and their dependability is responsible for their popularity.

### R.-H. CO.'S TOP NOTCH OKLAHOMA AND KANSAS ALFALFA

The United States Department of Agriculture says that a good grade of Kansas Common type of alfalfa is standard for the South. This type of seed is produced, in Kansas and northern Oklahoma, where they have severely cold weather in winters and extremely hot weather in summer, with dry periods and wet spells. Much more unfavorable conditions than our territory has to bear. Repeated tests at our Experiment Stations and actual field results show the accuracy of the department's statement. We have sold hundreds of thousands of pounds all over the South where it has given splendid results.

Our seed this spring are the cream of the crop in Kansas and Northern Oklahoma, bought by our own representatives who spent almost two months in the growing fields last fall when crops were harvested.

### R.-H. CO.'S TOP NOTCH HARDY NORTHWESTERN ALFALFA

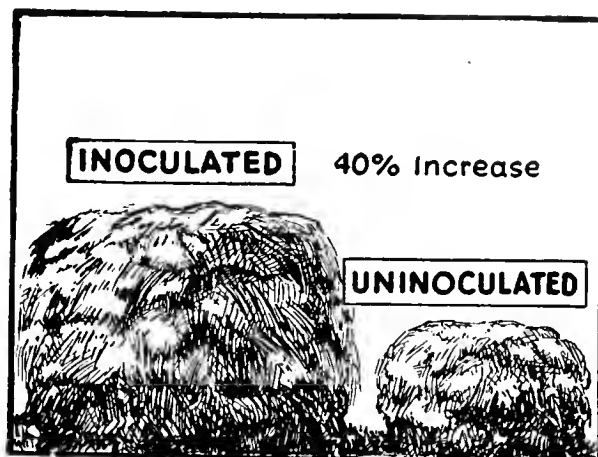
The Northwestern states, like Idaho, Nebraska, produce a very hardy type of alfalfa, due, naturally, to the severely cold winters that alfalfa must weather there each year. Our Top Notch Northwestern Seed represents our choice of the stocks produced there, based on purity and growth.

### DAKOTA—12 ALFALFA

Originated in the Dakotas to meet the terribly severe weather conditions prevalent there, where the temperature goes down to 15 or 20 degrees below zero in winter, with extremely hot summers in the mountain valleys. This seed has built up a strong resistance to winter-killing, an ability to produce a strong, vigorous, very productive crop of alfalfa under the most unfavorable conditions.

SEE PAGE 58 FOR SEED SOWERS AND FERTILIZER DISTRIBUTORS

The illustration below shows the relative amounts of alfalfa hay from adjoining acre plots. The cost of production, except of handling, was the same. The inoculation cost about 20 cents an acre and produced 1,500 pounds more hay to the acre and of superior quality.



## WHY INOCULATE

Experiments made by the University of Wisconsin report a gain due to inoculation of 1151 pounds per acre of alfalfa hay. The Minnesota station found that inoculation increased the yield by 1729 pounds per acre. A gain of 1120 pounds per acre of alfalfa hay was obtained by the Illinois Agricultural Station. These large increases emphasize the importance of inoculation and show the bigger net profits made possible by the simple method of inoculating the seed.

SEE PAGE 21 FOR PRICES AND FURTHER INFORMATION

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED  
[10]



# RUSSELL-HECKLE'S TOP NOTCH CLOVERS



A Field of Red Clover

## RED CLOVER

(Biennial)

As a soil builder, Red Clover is equal to any; in feeding value, it ranks next to alfalfa. Should be on every southern farm that will grow it. Requires a sweet soil, well drained—medium fertile to rich. Plant alone for hay or with Timothy. Fine in pastures, and a splendid soil builder. Sow in March, April, September, October. Be sure to inoculate with Nitragin, if you want best results. Prepare seed bed thoroughly, disking and harrowing, sow seed and roll in with roller or cultipacker; have ground free of weeds. Being a biennial must be allowed to make seed the second fall, else it will disappear.

## MAMMOTH or SAPLING CLOVER

Very much like the common red clover but larger, heavier and later. Recommended for thin soils. Sow 8 to 10 pounds to the acre.

## ALSIKE CLOVER

(Biennial)

Somewhat smaller seed than Red Clover, 6 to 8 pounds per acre enough. About equal to Red Clover hay in feed value, hay a little finer and preferred by stock. Rarely winterkills. Will thrive on poorer soil, and does fine on damp moist soils. Does not require lime, or at least very little. Grown and handled throughout same as Red Clover. Being a biennial must be allowed to make seed the second fall, else it will disappear.

## CRIMSON CLOVER

(Annual)

Sow 15 to 18 pounds in August, September and October in South, cut for hay in early bloom stage next spring, which is best time to turn under for soiling crop. Also furnishes large amount of nitrogen in soil if properly inoculated. Use Nitragin.

## HOP CLOVER (YELLOW)

(Annual)

This clover will be found growing wild over a good portion of the South, and is very valuable in all pastures. Hop comes out very early in the spring and lasts until mid-summer, when Bermuda Grass and Lespedeza take up the job of furnishing pasturage. Grows about 6 to 8 inches high, is very similar to lespedeza but a little more upright and has a yellow blossom instead of lespedeza's purple bloom. It is the earliest and fastest growing clover adapted to the South. Clays and loams that are not constantly wet satisfy it best. Sow 1 to 3 pounds per acre in your pasture mixture.

## BLACK MEDIC

Grows all during the winter and is just the thing to build up run-down soil and will improve the yield of crops that are planted on the land the following spring. Sow in March, 18 to 20 pounds per acre. Should be in all pastures.

## WHITE BLOSSOM SWEET CLOVER

(Biennial Melilotus Alba)

Good for forage pasture and soil improvement—will grow on almost any Southern soil (even very sandy soils) that contain lime, thriving on land too poor to grow red clover or alfalfa. Resembles alfalfa when young but grows much larger, almost same rank in feeding value; both as hay and green foliage. Stock seldom relish it at first, but when forced to eat it, soon develop a decided preference for it. Cut it before it reaches the blossom stage—too woody after that. Has a deep-spreading, heavy root system making it a big Nitrogen gatherer and soil improver, provided it is inoculated. Pasture from time plants are six inches high—the more stock you turn on it the better, for close grazing encourages its growth, and when tall becomes coarse and unpalatable. Being a biennial, will disappear unless allowed to make seed second fall. Inoculate seed with Nitragin.

## YELLOW BLOSSOM SWEET CLOVER

(Biennial, Melilotus Officinalis)

The Yellow Blossom type is very similar to that of the White Blossom. For those who wish to use sweet clover for pasture, hay and bee purposes, we would advise the use of the Yellow Blossom type.

## WHITE DUTCH CLOVER

(Perennial)

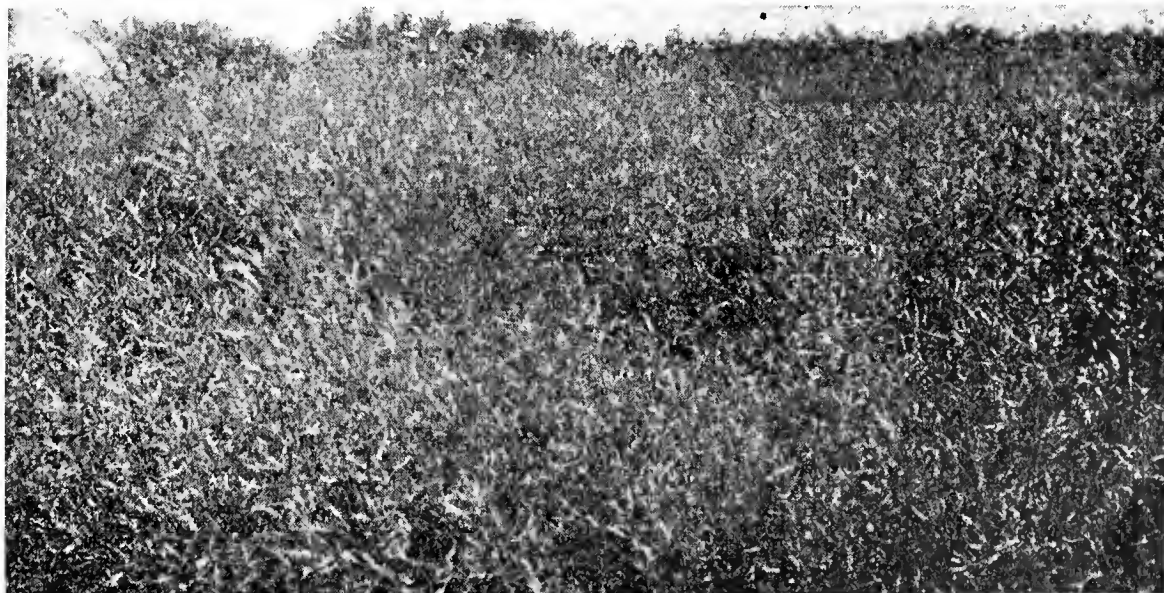
Creeping in type, not adapted for hay but excellent in lawns and should be in all pastures. Much relished by stock, and high in protein. Does not cause bloating, comes out very early in spring without interfering with other grasses, thrives under trampling. Sow one or two pounds per acre in your pasture mixture.

## EARLY GIANT SOUTHERN BURR CLOVER

A new and distinct type of the Southern Spotted leaf Burr Clover, far superior to the original, being 3 to 4 weeks earlier in growth, blooming and maturing of seed. Does best on sandy loam, and poorest on heavy black buckshot. Sow July, August, September, October, 30 to 50 pounds of seed in the Burr per acre, preferably in cotton middles. Can be pastured all winter and spring, or turned under in March. Will volunteer each fall for three years, then turn under again fourth year. One of the finest soil builders known. Ask for special Burr Clover circular.

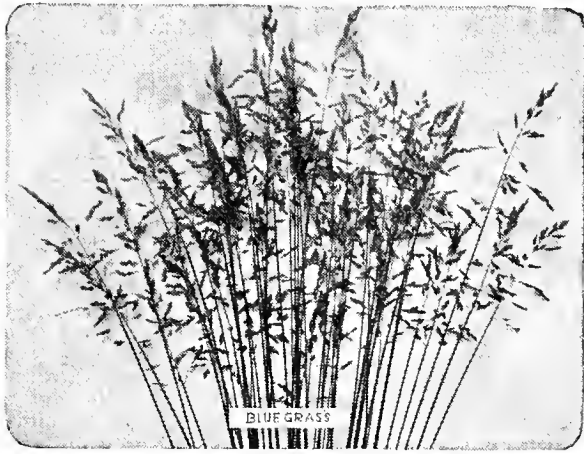
**CLEAN YOUR CLOVERS WITH A  
CLIPPER CLEANER  
SEE PAGE 13 FOR DETAILS**

**INOCULATE** Seeds of all legumes—clover seed, and related crops. They will yield far better if inoculated with Nitragin, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Farmers and gardeners who have used it would not be without it. See page 21 for prices and further information.



A Field of White Blossom Sweet Clover





Kentucky Blue Grass

## Russell-Heckle's Grass Seed

**PLANTING DIRECTIONS**—In planting grass seeds the land should first be thoroughly cultivated and pulverized. The seed may then be scattered by hand or with a hand-seeder, such as described in this catalogue. A harrow or rake should then be used, which will mix the seeds with the soil so they will be covered about one-quarter inch deep. If not convenient to sprinkle, the planting should be done when there is a good season in the ground, and land rolled or dragged after harrowing. This will pack the soil so the moisture will be saved from evaporation and thus cause the seed to germinate, and to nurture the grass until it establishes a good root system.

### KENTUCKY BLUE GRASS

Adapted for shady locations, and requires rich soil. It will do well where lime is used in the ground. Fine for lawns, also for pasture, where soil is suitable. Sow in February, March and April, also in the fall. One pound sows 20 by 20 feet, or 400 square feet; 80 to 100 pounds to the acre.

### ORCHARD GRASS

A long-lived perennial, comparatively deep-rooted, therefore, drought resistant. Splendid in pastures, furnishing about the first green bite in the spring and the last in the fall. Grows well in the shade of orchards and open wood lots. Prefers a well-drained rather light, natural or sweet soil. Equal in productivity to Timothy, and outlives it—about same feeding value. Cut in full bloom for hay. Sow spring or fall in the South, 21 to 28 pounds per acre on thoroughly prepared pulverized soil, then roll in, making firm seed bed.

### TIMOTHY

A short-lived perennial, usually lasts 3 to 5 years, as the root system is rather shallow, it thrives best on rich, moist bottom lands, and on heavier types of soil—poorly on thin or sandy soils. Prefers sweet soil but does not form a sod. Won't stand close pasturing but is very palatable and will not injure stock no matter how much is eaten. For hay, cut after the purplish blue blooms have fallen, when the seed have formed and are in "milk" stage. Set the mower blade full 4 inches above the ground. Yields 1½ to 3 tons of hay.

Sow spring or fall, 15 pounds alone or 10 pounds Timothy and 5 pounds Alsike or 6 pounds Red Clover. A well worked seed bed rolled before and after seeding is desirable, increasing supply of moisture.

### CARPET GRASS

**Easily Eradicated by Plowing**

Grows practically anywhere over the South where temperature does not go below ten degrees above, thrives vigorously on any kind of soil if moisture conditions are favorable; even on acid soils and poor sandy soils. Equal in feeding value to Bermuda. May be grazed both earlier in spring and later in fall than Bermuda; stands close grazing and heavy trampling. In fact spreads more rapidly with close grazing. Sow 10 to 15 pounds per acre for pasture. Add 5 lbs. Lespedeza per acre to all Carpet Grass pastures. On golf courses, parks, lawns, sow 20 to 30 pounds per acre. Making a thick leafy sod that improves with close cutting. Sow spring and summer.

### RED TOP OR HERD'S GRASS

This grass makes excellent pasturage and a good crop of fine quality hay, and succeeds on a greater variety of soils than any other in general use. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass, and once established thickens and improves year after year. It is a good variety to sow with timothy and clover for meadow or pasture and is more permanent than either of the other two. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. It requires about 8 to 10 pounds to seed an acre of the fancy clean seed. It can be sown either in the spring or fall.

### DALLIS GRASS

Is a perennial, will grow 3 to 5 feet high if not cut. Has a long growing season all over South. Can be cut twice a season, making excellent green feed and hay. Stands close grazing and is not injured by light frost. Hardy, thrives on most soils that are not too dry and sandy, but prefers fairly heavy soils with moist condition. Sow from middle of March to June, 8 to 10 pounds per acre.

SEE PAGE 58 FOR SEED SOWERS AND FERTILIZER DISTRIBUTORS

### BASIC SLAG "THE 6-IN-1 SOIL BUILDER"

In either making or improving a pasture, it is necessary to use a soil builder, conditioner, or fertilizer to secure the most profitable results. Pasture soils deficient in the necessary food or minerals produce grazing low in the elements that build body tissue, beef, and increase the production of milk.

A pasture may produce an abundance of grass and yet the stock will not thrive. This is because the grass is lacking in calcium, iron, manganese, and magnesium. Agricultural authorities and Southern farmers have found that the best and most economical way to have a thick, healthy pasture grass rich in the necessary minerals, is to use U.S.S. Tennessee Basic Slag, the 6-in-1 soil builder. This proved

plant food and soil conditioner benefits the pasture in four ways:

- (1) Adds calcium, iron, manganese, magnesium, phosphoric acid and other essential minerals to the soil.
- (2) These elements, necessary for healthy, profitable stock, are present in a readily available and long-lasting form.
- (3) Increases greenness and growth of pastures and lengthens the grazing season. Makes pastures especially nutritious late in the season.
- (4) Increases the palatability of the pasture. Actual tests have proved that where Basic Slag is applied to only part of the pasture, the stock will graze the slagged part almost exclusively.

### Basic Slag Is Economical

Basic Slag is the most economical of plant foods, and at the same time acts as a soil conditioner. In a ton there is as much phosphorus as in about

1,500 pounds of 16 per cent superphosphate, as much lime as in about a ton of dolomitic limestone, as much manganese as in about 130 pounds of sulphate of manganese, and about 300 pounds of iron. Prices are quoted on our green ink price list.



Red Top Grass

## SUDAN GRASS

Sudan is an annual and must be planted over each spring, after the ground has become thoroughly warm. Very quick growing, Sudan can be cut 3 or 4 times each season, depending on moisture present. Ready to cut about 8 to 9 weeks after sowing, when first heads appear, or a little later won't hurt. Let it stand in cocks until thoroughly dry; the stems are very juicy and take longer than leaves to cure. Can be sown with Soy beans or Cowpeas and the mixture makes a well balanced ration. If planted on rich land, will yield splendidly. Sudan hay alone is relished by stock, and is as nutritious as Timothy.

As a summer pasture, Sudan has few equals, continuing until frost. It is well to run mower over Sudan before turning stock in it—this will start it to stooling and prevent the whole young plant from being pulled up. Sudan is a splendid milk producer, supporting 1 to 3 cows per acre all summer depending on conditions. Can be cut and fed green also. Plant 10 to 15 pounds in drills, 25 to 30 pounds per acre broadcast.

## BERMUDA GRASS

Bermuda delights in sunshine and warmth. It is extensively used in this section for levee work and pasture. The seed should be planted in April, May or June. Seed requires 20 to 30 days to germinate. The ground should be well prepared with a good firm seed bed, and seed broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm.

## HULLED BERMUDA GRASS

Is the same Bermuda Grass seed with the outer hull removed. This promotes quicker germination, requiring 8 to 10 days only, as against 20 to 30 days for unhulled seed. Further, only about one-half the amount of seed is required when using hulled seed.

## WINTER RYE GRASS

Winter Rye Grass is one of the outstanding annual grasses for production of winter pasture in the South. It develops to the pasture stage very rapidly under favorable conditions. It has high palatability. It is relished by all kinds of live stock. It has rapid comeback after grazing. Sow September to November at the rate of 35 pounds to the acre. Also recommended for use in pasture grass mixtures.

## RUSSELL-HECKLE'S LAWN GRASS SEED

Descriptions and Directions will be found on inside of front cover



A Field of Sudan Grass

## Russell-Heckle's Pasture Grass Mixtures

These are composed principally of grasses which ripen together for cutting; but they also contain other grasses which will also add very much to the pasturage yield, in case it is desired to use the fields for pasturage. These grass mixtures afford splendid crops of hay of the finest quality and highest feeding value, and after being cut will give continuous and abundant pasturage till winter comes. May be used for hay exclusively, or for hay and pasturage as needed.

**PERMANENT GRASS MIXTURE NO. 1.** For hay or pasture. Recommended for light, loamy or medium upland, for either hay crop or grazing purposes. Composed of Orchard Grass, Perennial Rye Grass, Meadow Fescue Grass, Red Clover, Alfalfa, etc. Sow 30 to 35 pounds to the acre.

**PERMANENT GRASS MIXTURE NO. 2.** Intended for good moist soils, also for grazing as well as hay. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is drier. If stock does not keep down to six or ten inches use the mower to do so.

**PERMANENT HOG MIXTURE.** Especially prepared for pasturing hogs. Composed of Red Clover, Red Top Grass, Orchard Grass, Alsike Clover, Rape, etc. Sow in February, March and April, also fall, at rate of 20 lbs. per acre.

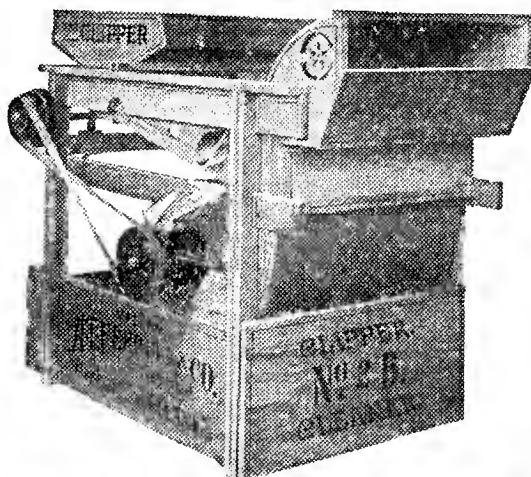
**TIMOTHY AND ALSIKE MIXED.** Suitable mixture for wet lands, furnishing good pasture and hay. Sow in early spring and fall, 15 pounds of the mixed seed per acre.

**CHICKEN PASTURE MIXTURE.** A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September, 30 pounds to the acre.

## THE NEW NO. 1-B AND NO. 2-B "CLIPPER" GRAIN SEED AND BEAN CLEANERS

**CLEANING SEED GRAIN.** There is no more important duty associated with farm work and farm management than the securing of perfectly pure seed—seed all of its own kind, that is free from foreign substances, dirt, weed seed, other grain seeds and all imperfections. There is no occasion in these times of seed cleaners and seed graders, to sow in seeding for any crop anything but the best quality of seed.

The difficulties encountered in getting seeds properly planted, in the right condition of soil, depth, etc., are certainly a sufficient handicap without introducing the added embarrassments of impurity and dirty seed when this feature is so easily remedied and entirely in the hands of the one having the direction and management of the farm.



Every farm should be supplied with an up-to-date cleaner and grader. There is no greater money saver on the farm.

It is almost impossible to get seed that will not be greatly improved by running it through a cleaner in your own barn. It is practically a crime to distribute noxious weed seeds on your land to later become a menace and nuisance to your neighborhood.

Buy a machine and use it in all your planting and sowing. It will be one of the best investments made for the farm.

Prices F. O. B. Factory—Subject to change without notice. \$4.25 Freight Charge to Memphis.

No. 1B. Hand-Power Cleaner.....\$42.00  
No. 2B. Semi-Power Cleaner.....\$47.50

Let us mail you a circular giving you full particulars on Clipper Cleaners.

### CAPACITY AND DIMENSIONS

**No. 1-B**

Wheat and other grain.....20 bushels per hour  
Clover and other seed.....10 bushels per hour  
Screen length including spreading board, 29 inches.  
Screens 19 inches wide, 22¼ inches long.  
DIMENSIONS—Length, 4 ft. 8 in.; width, 2 ft. 2 in.; height, 3 ft. 8 in.; shipping weight, 185 lbs.

### CAPACITY AND DIMENSIONS

**No. 2-B**

Wheat and other grains.....25 bushels per hour  
Clover and other seeds.....15 bushels per hour  
Screens, 25 inches wide, 22½ inches long.  
Screen length including spreading board, 29 inches.  
DIMENSIONS—Length, 4 ft. 8 in.; width, 2 ft. 8 in.; height, 3 ft. 8 in.; shipping weight, 210 lbs.



# Russell-Heckle's **LESPEDeza** - Japan Clover

**THE ALFALFA OF THE SOUTH** Three species of Lespedeza—two annuals and one perennial—should be considered before deciding which to plant. The annuals are (1) Common, with two improved varieties, Tennessee 76 and Kobe, and (2) Korean. The perennial is Lespedeza Sericea.

## PLANTING DIRECTIONS

Sow in February, March, April

Lespedeza grows anywhere in the South. It is the only clover we know of that will grow on acid soils, but it does respond to lime. It grows on worn-out gravelly hillsides, and waste lands where nothing else of value will grow. Naturally, it produces better results on better soils, except on black buckshot in the delta sections—do not plant it there, for it will fail.

Lespedeza withstands drouths that will kill other crops when there is a thick stand before drouth begins. Being a legume it is a valuable soil improver, and thousands of acres of worn out soil have been restored to extreme fertility by sowing Lespedeza, grazing it to hogs and cattle for a year or two then turning under in the fall.

Lespedeza stands heavy grazing, and will increase grazing capacity of pastures by 25 per cent. It reseeds itself every year even when severely grazed, but you can kill it out any time you want with a cultivated crop.

Lespedeza hay is nearly as high in feeding value as alfalfa, and is about the most used hay in the South. We have seen yields of five

tons per acre in one season, though two tons is more usual. The better the soil the better the hay yield—moisture is a big factor. The best hay is made when Lespedeza is not more than 15 inches high—when taller, it is more stemmy with smaller proportion of leaves. When it is left until a considerable proportion of seed are ripe the resulting hay is of poorer grade.

Lespedeza contains less moisture than alfalfa or red clover, and is therefore more quickly cured. Cutting when about 15 inches high will leave ample time to grow a seed crop before frost. It is an annual making seed every year.

Mixed Lespedeza and Bermuda grass hay is often cut—it also combines well with orchard grass and red top—the first cutting is almost all grass, the second pure Lespedeza.

Lespedeza can also be sown in the spring on top of fall planted oats. When the oats are cut in dough state, or later for grain, the Lespedeza will come on and make a full hay crop, and later on, a seed crop.

**INOCULATE ALL LESPEDEZAS—WITH NITRAGIN.**

### KOREAN LESPEDeza

Korean is the earliest of the annual Lespedezas, coming up first and growing rapidly, therefore giving earliest grazing of any Lespedeza. Grows taller than Common, larger plant and coarser, with broader leaflets. Korean matures earlier than other Lespedezas, seed beginning to ripen in September. The only variety suitable for northern half of the United States. Korean is fine in combination with grain for it will drop seed before time to break the ground to sow grain in the fall. Korean is fine in pasture combinations, and an abundant hay yielder.

### KOBE LESPEDeza

Kobe has certainly earned a home for itself on southern farms, particularly where long periods of drought occurred, for Kobe came through these droughts where Common Lespedeza was burned out. This drought resistance is a life-saver to a farmer, and is no doubt due to the very extensive root system and its rank growth, with larger than ordinary leaves. We have seen Kobe 38 inches tall but usually it is 2 to 2½ feet tall. We have seen yields of 4 tons per acre with Kobe. It is excellent for hay and pasture alike. Can be sown with oats, also with orchard grass and red top or herd's grass.

#### INOCULATE WITH NITRAGIN

R. L. Downer, a prominent farmer in Kentucky, says: "Am pleased to report that I believe NITRAGIN to be just as good for the Lespedezas as for red clover and alfalfa, both Korean and Sericea showing more nodules and apparently more growth where NITRAGIN was used than where it was uninoculated."

See page 21 for prices and further information.

### TENNESSEE NO. 76 LESPEDeza

This variety is similar to the common or wild variety, except that it is taller and more upright in growth, holding all the branches off the ground, even when the plants stand alone. It is finer stemmed than Korean or Kobe, and grows to the height of nearly three feet under favorable conditions. It blooms slightly later than Kobe and considerably later than Korean or Common. The hay yields made on the West Tennessee Experiment Farms are larger than those of the other varieties.

### LESPEDeza (SERICEA) THE NEW PERENNIAL LESPEDeza

An entirely new type—once planted, it comes back each spring from the crowns like alfalfa, and is often called "The Poor Land Alfalfa." All other lespedeza varieties must be re-seeded or allowed to drop their seed each year.

Sericea has an enormous root system, penetrating often four feet into the soil, with a perfect mat of smaller roots spreading everywhere—you can see what this means as a positive cure for soil erosion. Further it seems to be the answer to a farmer's prayer for a pasture that is drought proof. Sericea pastures in Korea in use for fifty years are better today than ever. The enormous root system is loaded with nodules of nitrogen, adding immensely to soil fertility provided you inoculate when seeding.

Sericea will grow apparently anywhere in the South on almost any type of soil (except Miss. Delta buckshot) without liming or any kind of treatment. Two cuttings of hay and a seed crop may be obtained each year, as high

### COMMON LESPEDeza

The original variety, grown all over the South, for hay, grazing and soil building. Not so tall as Kobe and Korean but is a good crop and will always be in demand.

**CLEAN YOUR LESPEDeza WITH  
A CLIPPER CLEANER  
SEE PAGE 13 FOR DETAILS**

as four tons of dry hay in one season, the equal of alfalfa in feeding value. Sericea is extremely leafy.

Plant only hulled and scarified seed in April or May, after danger of frost is past. This treatment of the seed brings quick germination. If you plant unhulled seed in the spring you won't get 10 per cent germination, so avoid this. For seed crop, plant 4 pounds scarified seed per acre in 2½-foot rows. The yield is from 300 to 900 pounds of seed per acre. For hay, sow 20 pounds of scarified seed per acre. Have your seed bed free of weeds, thoroughly plowed, disked and harrowed, cover seed very lightly—you can use a light roller to advantage, firming the soil to conserve moisture.

The first year you will see lots of grass and weeds, but don't give up—the second year Sericea looks much better, and the third year, and thereafter, you have a crop you will be eternally proud of.

**SEE PAGE 58 FOR SEED SOWERS AND FERTILIZER DISTRIBUTORS**



Same field of Lespedeza Sericea at two stages of growth

**FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED**



Millet

## R-H. CO.'S MILLET

Nothing pays better for a stock raiser or dairy farmer than a few acres of Millet, for it not only yields at least half again as much hay per acre as Timothy or Clover, but is also of the greatest feeding value and milk producing quality. When spring is so unfavorable that other crops fail to grow, or when the season is so late that corn will not mature, Millet is invaluable.

### TENNESSEE GERMAN MILLET

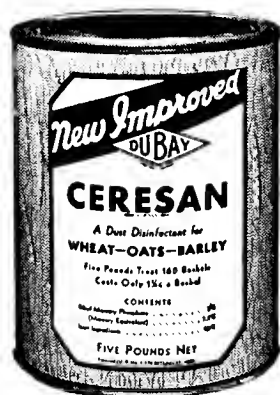
Our southern grown Millet makes much better growth than the western grown seed. This true Tennessee grown, a type that produces better quality, grows taller and gives a larger yield of very nutritious hay, is a quick grower. It should be cut for hay when it begins to show the heads. Plant 1½ to 2 bushels an acre broadcast. Plant from April to August.

### JAPANESE OR BARNYARD MILLET

Distinct from other millets; grows 4 to 6 feet high, yielding an enormous crop that in quality is equal to corn fodder and is relished by stock. Sow in May, June or July, 20 pounds to the acre broadcast; or sow in 15-inch drills and cultivate until it is 18 inches high.

### PEARL OR CATTAIL MILLET

One of the greatest and best yielders of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed; three to four cuttings may be had. Sow thinly in rows 3 feet apart at rate of 8 to 10 pounds per acre.

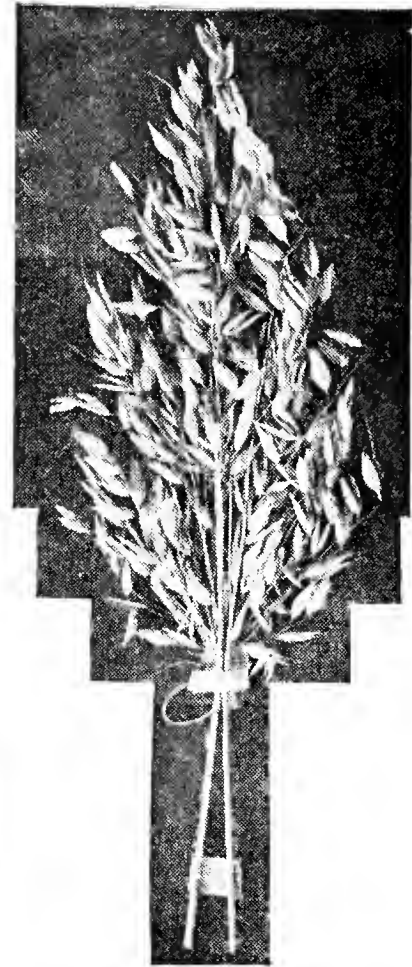


## NEW IMPROVED CERESAN

Be sure to use it on your oats, barley, sorghum, kaffir corn, sagrain, etc. It will give better germination and prevent smut in oats, sorghum and all grains.

It requires only one pound to treat 32 bushels of oats. The results are really marvelous. Apply as a dust before planting. Ask for circulars.

See page 20 for prices and further information.



## R. H. CO.'S SEED OATS

**Culture**—For spring sowing, February through March is preferred, on good soil. If soil is poor, 500 pounds of Basic Slag per acre will bring much improved yield. Sow 2 to 3 bushels per acre. For hay, cut when oats are about half mature, in milk stage.

Due to the fact that no one seems to be doing any breeding work on Early Burt, Appler, Fulghum, and similar varieties, it is next to impossible to secure pure stocks, so this spring we list only those varieties that we can be sure of as to trueness to type and general excellence.

## FULGRAIN STRAIN NO. 2 OATS

Introduced by Coker's Seed Breeding Farms, it has rapidly forged to the front and the past summer made remarkable yields all over the Mississippi Delta Section in Mississippi and Arkansas, yields of 75 to 90 bushels per acre were common, and many went over 100 bushels; one 250-acre field claimed 121 bushel average.

Fulgrain Two was the earliest maturing oat we saw last summer, two weeks earlier than most others. Probably the most winter resistant oat grown, and the most resistant to smut, a most important item, contains 10 to 15 per cent higher protein content than other oats, making it worth more for feeding. Coker actually raised 80 bushels per acre, seeding only one peck per acre. For Memphis territory we recommend 1½ bushels per acre sowing. You will find this ample, as it stools profusely and that seeding is ample. About the best grazing oat known.

## NORTEX OATS

Introduced and named by the Northern Texas Experiment Station. A much improved strain of original Texas Red Rust-proof. A little earlier and much more winter-resistant. In numerous tests at Mississippi Experiment Station, has stood right at top in yields of grain per acre.

**CLEAN OATS AND MILLET  
WITH A CLIPPER CLEANER**  
See Page 13 for Details

## RED RUST-PROOF OATS

For years the standard in the South. Thousands of acres are planted to Red Rust-Proof Oats each year. Oats in the South have long been subject to rust and that's why the northern white oats are not successful down South. The Red Rust-Proof Oat is a very vigorous grower, robust and productive, does well on low ground.

### AERO CYANAMID

A valuable fertilizer for all grains, cotton, corn, grasses, pastures, etc. See page 57 for details. Prices quoted on our Green Ink Price List enclosed.

## FERGUSON—922 OATS

This oat developed by Ferguson Seed Breeding Farm in Texas and is a superior strain of the old Texas Red Rust-Resistant oat. This new strain has stood right at the top in experiment station tests along with Nortex, another strain of red rust-resistant oats. In the prairie or rice section of Arkansas Ferguson 922 has been very popular for past three years, giving outstanding results. Ferguson 922 is about ten days to two weeks later than Fulgrain No. 2. It is well to plant some of both so your combine can handle both crops to advantage.





## Soy Beans

Twenty-five years ago the South knew one variety of soy bean—the Mammoth Yellow. Now, all over the South, you will find variety after variety, each with a strong following—No farm without soy beans.

**Culture**—Soy beans may be planted either broadcast or in drills. Usually a better crop is had when planted in drills and cultivated, and few crops leave the land cleaner and in better condition for the following crop. They grow equally well on light and heavy soils, but on heavy soils they should not be planted more than 1 to 1½ inches deep except in dry seasons. On light sandy soils plant deeper, but not more than 3 inches deep. When sown broadcast sow 1 to 1½ bushels to the acre; in drills about a peck to the acre. Plant in April, May or June.

**INOCULATE**—Be sure to inoculate the seeds with Nitragin. Not only will you have assurance of a surer stand, but a better crop, and the succeeding crop will have the benefit of the nitrogen stored in the bean roots. See page 21 for prices and further information.

### ARKSOY

Developed at Arkansas Experiment Station, another yellow variety, matures about three weeks after Macoupin, and soy bean experts claim probably the best of any for bean production for crushing purposes, having high oil content. Matures ahead of bad weather usually, a big advantage, as weather often works havoc with grade and yield of most later varieties. A good hay bean and a fine soil builder.

### AVOYELLES

Developed in Louisiana and found to be very resistant to cutworms, or destructive pest on other varieties there. Seed are black, larger than Ootootan. Makes a splendid hay variety, earlier than Ootootan; a prolific bean yielder and splendid soil builder.

### DELSTA

Very stout, erect, short and bushy, splendid for combination with corn. Plant thick for hay. Very prolific, beans little larger than Mammoth Yellow and shatter much less.



A Field of Laredo Soy Beans

## Russell-Heckle's Soy Beans

They Make Poor Land Good—They Make Good Land Better

They make a rich and nutritious hay and one of the cheapest. The beans always find ready sale at the oil mills and for planting. It is one of the South's most economical soil improvers. They require no fertilizers except acid phosphate.

### BILOXI

An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yielder of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The beans do not shatter, will stay in the pods until February. Late in maturing, requiring a long season to mature, but makes an unusually luxuriant growth; sow seed broadcast at rate of two bushels to an acre. In drills, sow ½ bushel to the acre.

### LAREDO

One bushel will plant 6 to 8 acres in rows 3 to 3½ feet apart, depending upon how thick you want them. We know of one farmer who got a perfect stand using one bushel to 12 acres. They should not be covered deeper than 1½ inches; a half-inch is better. One or two cultivations to keep down the grass and weeds is advisable. The Delta Experiment Station reports splendid results from sowing Laredo March 25th to April 10th with a wheat drill on oats planted the previous fall. This drill helped instead of hurting the oats, and the beans were not large enough when the oats were harvested to interfere with the binder. Sow seed broadcast at rate of one bushel per acre; when sown in drills sow about 1 gallon or 2 gallons per acre.

### MACOUPIN

This yellow variety seems to be, for the South, the earliest soy bean of all, and that makes it the most practicable variety for crushing for oil—it is ready to harvest before bad weather sets in around September 1st. A heavy yielder of beans, and a good soil builder. A farmer should have some Macoupins and a later variety like Arksoys so he can handle both to advantage with his combine.

### MAMLOXI (Mammoth Biloxi Hybrid)

Developed at Stoneville, Miss., Experiment Station. Is erect in growth, upright, very prolific yielder of beans, and very fine for combination with corn, and soil building. Good for hay if planted thick. Matures about with Mammoth Yellows but shatters very little. Seed yellow with some brown markings.

### MAMMOTH BROWN

A fine big foliage variety, succeeds well in this section; won't shatter. The plant is upright, with heavy branches; a big yielder of beans and foliage. Does well on all soils. It is a medium early variety, matures its beans in about 110 days. It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Soys grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1½ bushels of seed to the acre.

### MAMMOTH YELLOW

Valuable for both beans and forage. Mammoth Yellow is one of the largest growers among Soy Beans, and the most widely grown variety and excels in yield of beans and hay; sow seed in May broadcast at the rate of two bushels to the acre; when planted in drills use ½ bushel seed to the acre.

### OTOOTAN

Few Soy Beans can equal Ootootan as a hay maker. Its late maturity is more than overcome by the abundant growth—5 feet or more in long growing seasons—its fine stems and abundant foliage, and the fine texture of its hay. It differs from most varieties in having many leafy branches instead of a coarse central stem, making it easy to cut. Planted in 3-foot rows, they will cover the land with a mass of foliage. Plant one gallon per acre in corn.

### TOKIO

Maybe a few days earlier than Mammoth Yellow but does not shatter quite so much. Bush type, erect growth; very prolific, and much grown in Tennessee and East Mississippi. Plant thick for hay. Seed greenish color, round.

### VIRGINIA

As it is about 20 days earlier than Mammoth Yellow, it can be grown farther north and throughout the corn belt. The vines make a fine growth, are filled with pods, stand about 3 feet, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making; sow broadcast one and one-half bushels to an acre; in drills ½ bushel to an acre.

CLEAN YOUR BEANS AND PEAS  
WITH A CLIPPER CLEANER  
SEE PAGE 13 FOR DETAILS



## CROTALARIA Spectabilis

This is truly a marvelous summer cover crop, a yield of 40,000 pounds of green material per acre is not uncommon. The humus produced by such a yield is of tremendous value. More important still, Crotalaria is a legume adding, when turned under, the equivalent of 800 pounds of Nitrate of Soda per acre (3-year test Florida experiment Station showed 885 pounds average).

Crotalaria has succeeded all over the South, and as far north as Indiana. It is not a host to injurious insects and diseases. It will reseed itself under favorable conditions, but is not a pest and can easily be eradicated. Splendid soil builder in orchards, etc. Fine with corn planted in same rows when corn is planted, or in corn and other farm crops at last cultivation. It will just about double crop yields following it. It is not offered as a feed crop, or hay crop, though a nearby farmer tells us his mules ate it readily. But it is really too valuable as a fertilizer to feed. It will reclaim worn out hillsides, gullies, etc.

Thoroughly plow, disc and harrow the soil. Sow after danger of frost is past, when moisture is present, 10 to 15 pounds per acre broadcast or five pounds drilled in three-foot rows, using scarified seed only as with Sericea. Firm the soil immediately after planting to conserve the moisture, cultivate once or twice when planted in rows.

Louisiana (Baton Rouge). Experiment Station for 1929 to 1933 reports five-year average yield of 22 tons green manure per acre and 169 pounds nitrogen, equivalent to 1,000 pounds 16 per cent Nitrate Soda.

## COW PEAS

**Culture**—Sow one to two bushels per acre broadcast. Two to three pecks in drills. When sown with soy beans, kaffir corn, sorghum and sudan grass sow half a bushel soy beans or one peck kaffir corn or sorghum to 10 pounds sudan grass with one bushel cow peas to the acre.

**WHIPPOORWILL.** A favorite early bunch-growing variety.

**NEW ERA.** An early, upright-growing variety. Matures early.

**BLACK STOCK.** Large vining variety. Best for thin land.

**CLAY.** Very similar to Black Stock, matures earlier.

**RED RIPPERS.** Vines grow long; make an abundance of hay.

**MIXED.** Preferred by many farmers; they will grow thicker than separate varieties, producing better crop of vines and forage.

**MIXED COW PEAS AND SOY BEANS.** The beans, being of upright growth, support the long pea vines, and not only make the harvesting easier, but the combination of cow peas and soy beans makes a better hay than either when grown alone, and they are easier to cure.

**LARGE WHITE BLACK EYE.** The dried peas are readily salable as table peas during the winter.

**WHITE, CREAM, or LADY.** Fine for table use. Very prolific.

**WHITE CROWDER.** An excellent variety for table use.

**BROWN CROWDER.** Clay colored, large size, of fine flavor.

## WINTER HAIRY VETCH

One of the best winter legume and green manure crops. Rarely ever winterkilled in the South. Grows on almost any well drained soil, thrives on sandy soil, needs a fair amount of moisture to start, but endures considerable drought. Sow in September and October in cotton middles or with rye, wheat, oats, or barley, as vetch grows better if kept off the ground. Can be turned under in time to plant cotton or corn—a wonderful soil builder when inoculated. A fair feed crop and grazing crop. Inoculate with Nitragin. Sow 15 to 30 pounds per acre, not too deep, have surface well worked and compact, also free of weeds. Price made in July.

## HUNGARIAN VETCH

Not as winter-resistant as Hairy, but nearly so. Does not grow as tall as Hairy, but its tonnage will surprise you. Grows off quicker in spring than Hairy, is more disease-resistant, and experiment station reports in Mississippi indicate it stores even more nitrogen in the soil than Hairy Vetch. Seed is cheaper per pound than Hairy, but being larger, you must plant more per acre. Culture same as Hairy Vetch. Be sure to inoculate. Price given in July.

## AUSTRIAN WINTER PEAS

Sown for the same purpose as vetch in September and October. Grows much like an English pea, upright and is ready to turn under a little earlier than vetch. Not as winter-resistant as vetch but usually stands 12 degrees above zero. Sow 20 to 25 pounds seed per acre in cotton middles. When sown broadcast with grain use 25 pounds Winter Peas and 3 pecks Abruzzi Rye or 1 bushel wheat or two bushels oats per acre. Be sure to inoculate with Nitragin. Price given in July.



## MUNG BEANS (Green Seeded)

Mung Beans grow in upright bush form, 2 to 4 feet high according to soil and climatic conditions. They have very heavy foliage, fine leaves and finer stems than any soy beans; a very important feature of Mung Beans is that the foliage is perfectly green and still growing when the seed is ripe and ready to be threshed. The hay cures quickly and may be threshed in 2 or 4 days after cutting, and it retains all the leaves. Threshed Mung Bean hay, properly cured, is equal to alfalfa hay and is readily eaten by all kinds of live stock. This makes it possible to make from 5 to 20 bushels seed per acre for a money crop, besides obtaining at same time yield of 1 to 2 tons of very best quality hay high in protein. Matures in 70 to 90 days; harvest when majority of pods turn black. Best results with a mower and windrow attachment, or follow mower with side delivery rake.

Mung Beans are a great soil builder, when properly inoculated. Use Nitragin. Sow 10 pounds seed per acre in 36-inch rows—cultivate until rows grow together too close to permit it.

## VELVET BEANS (Early Speckled)

The most valuable of all varieties and the general favorite for all sections. This variety is the quickest grower and the most prolific. Matures in from 90 to 100 days. Sow in drills in May, one peck to 1/2 bushel to the acre.

In the South, Velvet Beans are used very largely for winter grazing, and for that purpose is one of the best crops for the light soils and the long season of the Gulf Coast and Florida. They should be allowed to grow until December, or until killed by frost, after which they can be grazed through the winter, as the vines, leaves and pods decay very slowly and remain palatable a long time. Early in the year, the crop remaining is plowed under as a soil improver, and adds very materially to the productiveness of the soil.

As a soil improver they are considered superior to cow peas, as they make so much larger growth and so much heavier amount of foliage. The proportion of nitrogen contained in the vines is about the same as cow peas, but as the yield is so much greater, the total amounts of nitrogen and humus added to the soil are correspondingly larger. A crop of three tons will add as much nitrogen to the soil as will a ton of cotton seed meal, while the amount of humus will be three times as great.



# SORGHUM

**Culture**—Plant when the ground becomes thoroughly warm, say two weeks after corn planting, on a rich, well-drained clay loam, in rows 3½ to 4 feet apart, and cultivate as you would corn. After the flowering stage is passed, but not earlier, it may be pastured or cut for fodder. Sorghum may be grown with cow peas and soy beans either in rows or broadcast.

## SPECIAL WARNING ON SORGHUM CANE

**NON-WARRANTY.** Owing to the peculiar hybridization of syrup cane varieties, it is impossible to guarantee any of the varieties here listed. We have selected all the syrup cane varieties on our list with best possible care, but at the same time, do not guarantee that they will come true.

All orders for syrup cane varieties are therefore accepted only on these conditions.

## CANE SEED FOR SORGHUM

**JAPANESE HONEY RIBBON CANE.** For making syrup this variety has no equal. It has been yielding from one hundred to two hundred gallons per acre. It makes a syrup of bright amber color and of fine flavor. The stalks grow from 12 to 15 feet high, the seed are carried in a sprangling type head, are red, rather flat shaped and most of the hulls remain on the seed when threshed. With its large foliage makes one of the best varieties for ensilage. For making syrup, cut just before the heads ripen, at which stage the sugar content of the plant is greatest. Japanese Ribbon Can matures ready for the mill in about 130 to 140 days. We, therefore, advise planting as early in May as possible. Eight to 10 pounds of seed will drill one acre. Cultivate like cotton, leaving plants about 10 to 12 inches apart in the row.

**SUGAR DRIP.** It makes a large, juicy and succulent growth. It will yield about 65 per cent of the weight of the cane in juice. One of the most desirable syrup varieties.

## CANE SEED FOR FODDER

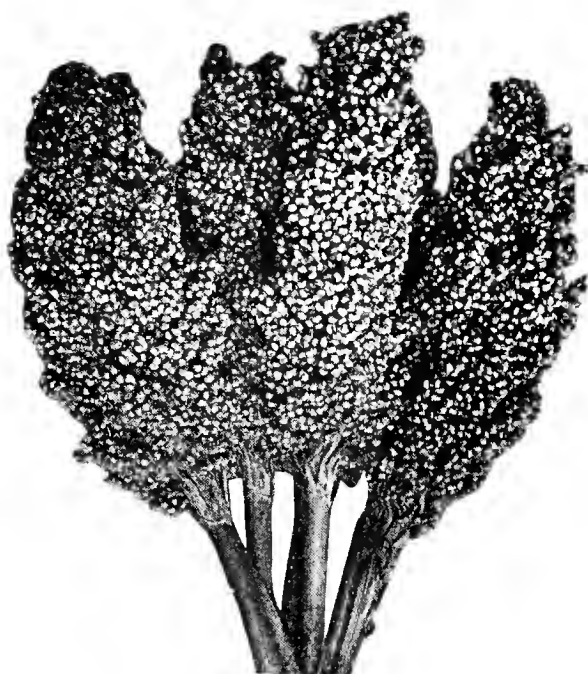
**EARLY AMBER CANE.** One of the earliest sorghums and furnishes a large yield of most nutritious forage which may be fed either green or cured. If grown with cow peas or soy beans the quality of the hay is improved and a more balanced ration may be had. The proportions recommended are 15 pounds Early Amber Cane, one-half bushel of soy beans and one bushel cow peas to the acre broadcast. Grows 10 to 12 feet high. Sow broadcast 1 to 1½ bushels to the acre; 8 to 10 pounds plants an acre in 3½ to 4-foot rows.

**EARLY ORANGE CANE.** About 10 days later than Early Amber Cane, but makes a taller and more leafy growth. It is recommended for fodder, of which it yields immense crops, frequently two cuttings a season, and stooling out thicker after cutting. It is recommended for fodder, of which it yields immense crops, frequently two cuttings a season, and stooling out thicker after cutting. It may be grown with soy beans and cow peas as recommended for Early Amber Cane and the quantity to plant an acre is the same.

**RED TOP or SUMAC.** Grown extensively in Middle Tennessee. Succeeds well in this section. Very sweet and one of the best for hay.



Amber Cane



Kaffir Corn

## WHITE KAFFIR CORN

Kaffir Corn yields heavy crops. It adapts itself to a wide variety of soils; a long dry spell may stop its growth, but it starts again with the first rain. The grain as well as the plant makes fine feed for stock, hogs, poultry and pigeons. With cow peas, sow broadcast one peck of Kaffir Corn to a bushel of peas; sown alone, 3 pecks to a bushel an acre broadcast; in drills 6 to 8 pounds an acre in 3½-foot rows. Plant from after the ground is thoroughly warm till early in June.

## GROHOMA

This new forage and grain crop, after thorough trials has been found very satisfactory. Stock of all kinds like it, in fact they eat every particle of the stalk, leaves and head. Plant from April 1st to July 1st in good soil. Make rows 4 feet apart drop seed 12 inches. Since it stools considerably, very little seed is required. Plant 4 to 5 pounds to the acre.

## DARSO

Low growing, heavy foliaged, with a large stalk, usually tinged red. On account of its drought-resisting qualities it has become a safe feed crop. Makes excellent silage, grain, and forage. Sow in 3½-foot rows, 10 pounds to the acre.

CLEAN ALL SORGHUM AND CANE SEED WITH A CLIPPER CLEANER. SEE PAGE 13

# FODDER AND GRAIN CROPS

## YELLOW MILO MAIZE

A wonderfully drought-resistant, non-saccharine sorghum that makes a thick succulent growth of nutritious milk-producing forage. For fodder and ensilage, cut when in the dough stage; at this stage it has a feeding value practically equal to corn. Any good corn land will bring Milo Maize either for green feed, dry fodder or for the grain. It grows on all soils from sandy to heavy clay loam. Plant in 3½-foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. Six to eight pounds will plant an acre.

## HEGARI

Earlier than Kaffir Corn or Feterita, dwarf in growth with large heads of white grains, stands dry weather well. Plant 8 to 10 pounds per acre in drills.

## FETERITA

Three or four weeks earlier than Kaffir Corn. It is the most drought-resisting of any of the sorghum family. Sow in April or May, in drills, 5 pounds to the acre.

## EGYPTIAN WHEAT OR SHALLU

The heads are large and heavy. Makes fine stock and poultry food. Plant in drills 3 feet apart, using 10 pounds of seed per acre; or broadcast, using from 2 to 4 bushels.

## SAGRAIN

Grows on land you can't plant to other crops; thrives in low places that usually drown out. Produces from 8 to 20 tons silage, or if left to ripen will produce from 50 to 75 bushels grain (about double corn yield), and 4 to 8 tons cured hay; has heads like Kaffir. Usually weighs about 7 ounces and the average ear corn weighs 8 ounces. In feeding value has 90 per cent value corn; can be fed to hogs, chickens, cattle and work stock. Plant as early in the spring as frost will allow. Will then be ready to harvest when the crops are laid by, usually along about August 1st. Splendid in combination with Biloxi Soy Beans.

Plant in 3½-foot rows. Cultivate a couple of times and thin out, leaving a stalk every 8 inches apart. Use a common sorghum or pea plate. We do not recommend broadcast planting. Can be best harvested with corn binder, shocked like oats until cured. Eight to ten pounds will seed an acre, planted in 3 to 3½-foot rows. From each seed planted you get from 6 to 10 heads of grain as it stools out and should be left very thin in drill.

**303-37.** An improved strain, a dwarf selection of the original Sagrain, with heavier head. Stalks grow stocky, dwarf and very uniform. You will find it a great improvement over the regular strain.

## FREE With Orders

### 1940 CALENDAR AND ALMANAC

Useful in many ways. Gives weather predictions for the next 12 months, with other information. With first order only up to March 31st, we will mail you a copy of our 1940 Almanac Calendar.

## DWARF ESSEX RAPE

An excellent pasture and green forage crop for cattle, hogs, sheep and stock. It is high in feeding value, producing an abundant flow of milk in milch cows (feed rape to milch cows after milking, not before, to avoid slight cabbage flavor to milk).

Experiments show that rape is a more efficient fattener and more economical feed for hogs than alfalfa, clover or blue grass. It will stand more cold weather and last longer in the fall than any of the grasses. One acre of rape will pasture 8 to 10 sheep, other animals in proportion. Turn stock in when plants are 8 inches high. To avoid possibility of bloating, accustom stock to rape gradually, pasturing after dew is off. Feed dairy cattle and sheep a full feed of grain for the

first week or two before pasturing rape, and provide salt at all times.

Rape can be cut and fed green. Cut about four inches above ground, first time when plants are a foot high, just enough for a day's feed at a time. When you expect to cut and feed green, rape should be planted in rows and cultivated 2 to 4 times.

Rape will grow 1½ to 3 feet tall—grows very rapidly—ready to use in 8 weeks. Prefers a rich mellow soil, will do well on most fairly good soils except sand or stiff clays, needs plenty of moisture to start. Plow deeply, disk well and harrow thoroughly. Can be sown with spring grain or in combination with clover. Sow in drills 4 to 6 pounds—broadcast 10 to 15 pounds per acre, about one inch deep. Sow from August through April.



Dwarf Essex Rape

## WINTER BARLEY

### "TENNESSEE BEARDLESS"

The various experiment stations have been working on a good beardless winter barley for years and now seem to have realized their dreams. A fine grain producer of fine feeding value, and one of the best pasturing crops. Is combined with crimson clover with splendid results, both for pasture and seed production. Both mature same time and seed are easily separated. A profitable combination.

## JERUSALEM ARTICHOKE

Fine for fattening hogs. They grow just like Irish potatoes. Every hog raiser should grow Artichokes; the hogs will harvest them without cost. Plant in 4-foot rows any time in March or April, dropping the cut pieces 18 inches apart in the row. They will produce 200 to 300 bushels to the acre. It requires 3 bushels to plant 1 acre.

## BUCKWHEAT

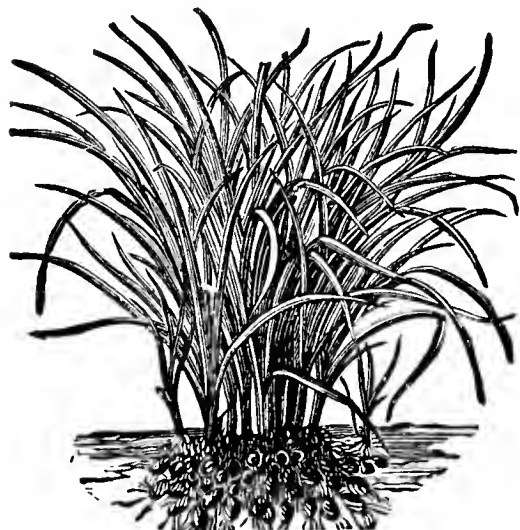
Sow 3 pecks to 1 bushel to the acre. It can be sown so late as to prove a profitable second crop to follow early peas, potatoes, etc. Good pasturage for bees.

## MAMMOTH RUSSIAN SUNFLOWER

Makes fine poultry feed, ensilage, and hog feed. Plant up to July 1st at rate 8 pounds to the acre. Plant and cultivate same as corn.

## CHUFAS

Earth almonds or grass nuts. Hogs not only fatten on them but the meat is sweeter than cornfed. Inexpensive to harvest as the hogs do the work. Plant on light sandy soils from April 1st to May 25th, in 3-foot rows, dropping two or three Chufas 18 inches apart. Chufas are easy to grow and make a prolific crop for hog raising. Plant 1 to 1½ pecks to the acre.



Chufas

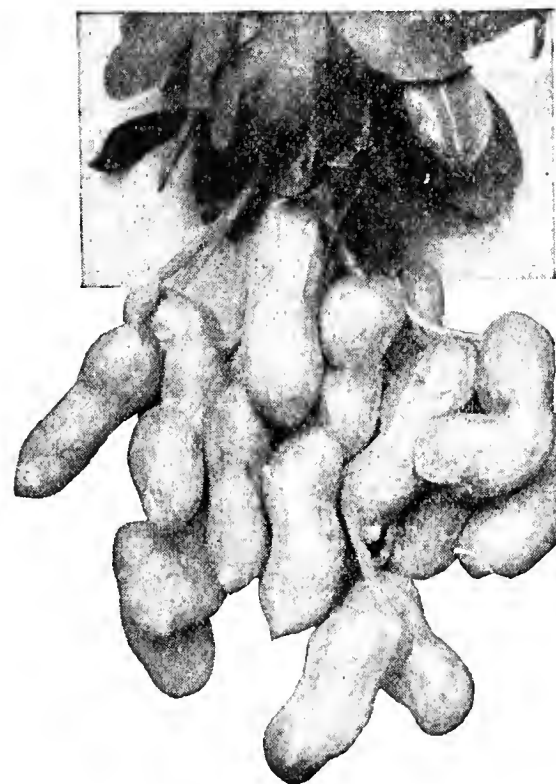
## SEED PEANUTS

Prepare the ground well, laying off in rows 3½ feet apart. Put 2 kernels to the hill, hills about 1 foot apart. Break the hull before planting. 35 to 40 pounds to the acre.

**TENNESSEE LONG RED.** Especially adapted to this section. The nuts contain three large kernels in each and are enormously productive.

**IMPROVED WHITE VIRGINIA.** These are uniformly large, and when grown on light sandy land will produce nuts of that bright attractive appearance demanded by the best trade.

**SPANISH PEANUTS.** Although not as large as other kinds there is no peanut grown that so entirely fills the pod or can compare with it in sweetness and flavor.



Spanish Peanuts

## SEED WHEAT

### COKER'S RED HART STRAIN 5 (BEARDLESS)

The result of over 20 years of breeding by Coker's Seed Breeding Farms. An unusually prolific variety—last year our grower in Crittenden County, Arkansas, planted 75 acres and obtained 51 bushels to a measured acre with strain 4. It is two to three weeks earlier than Leap's Prolific or Fulcaster. It is very resistant to smut and has a strong stiff straw that stands up well in bad weather, very popular with milling firms.

### NEW GASTA (BEARDLESS)

We like this variety next to Coker's Red Hart. Another fine beardless variety, about one week later than Red Hart, very prolific; both storm and winter-resistant. Our grower swears by New Gasta and has made remarkable yields with it for three years past.

### ABRUZZI RYE COKER'S 16—A STRAIN

Another of the Coker developments—the best rye that has been produced for the South. It grows much faster than any other rye. We have seen it 18 inches tall in 9 weeks from planting—and it stools much heavier which means doubling the amount of grazing an acre, start earlier and keep it up longer. Three pecks to one bushel per acre is ample seeding, because of profuse stooling.

## BROOM CORN

**IMPROVED EVERGREEN BROOM CORN.** An excellent variety of good length; has fine straight straws. Sow in April, 8 to 10 pounds to the acre.

**SCARBROUGH DWARF BROOM CORN.** A new variety of Dwarf Broom Corn. The straw is erect, very straight and uniform in length. It always brings top prices on the market.



Abruzzi Rye



# DU BAY

## SEED DISINFECTANTS

**INCREASE CROP PROFITS  
REDUCE DISEASE LOSSES**

Federal and state agricultural authorities and farm papers now advise seed treatment and, in many cases, actually urge the use of Du Bay Disinfectants. Invest a few cents in Du Bay treatment this year, and see how much more profit you'll get in return.

## A Treatment for Cotton and Other Major Crops

### COTTON, MILLET, SORGHUMS, PEAS AND NARCISSUS



1 lb., 80c; 5 lbs., \$3.20. Not prepaid, 25-lb. drum, \$13.25; 100-lb. drum, \$50.00.

Bigger cotton yields and more profit with 2% CERESAN. Cotton States Authorities report big profit increases with 2% Ceresan cotton seed treatment—North Carolina, \$13.08 an acre; South Carolina, \$9.08 an acre; Texas, \$6.30 an acre. Dusting on seed, 2% Ceresan reduces seed rotting and damping-off, gives growers more uniform stands with less seed. In 40 recent tests, 2% Ceresan increased the average stand 59.8% before chopping; 30.8% even after chopping—and increased the average yield 16.4%. Saving in seed and replanting expense alone easily pays the small cost of 2% Ceresan. One pound treats 5 to 6 bushels. Prices: 1 lb., 70c; 5 lbs., \$3.00. Postpaid,

### SEED CORN



1 lb., 75c; 5 lbs., \$3.00; 25-lb. drum, \$12.50. Postpaid, 2 ozs., 20c; 4 ozs., 35c; 1 lb., 85c; 5 lbs., \$3.20.

Make sure of a better corn yield by treating seed with SEMESAN JR. Seed corn treatment with Semesan Jr. amounts to real crop insurance. At the extremely low cost of 1½ cents an acre, it reduces seed rotting, checks seedling blight and certain seed-borne rots of root and stalk—gives corn the healthy start necessary for a big yield. Circular 444, Illinois, where the average yield increase has been about 3 bushels an acre, says Semesan Jr., is "one of the best disinfectants for seed corn now on the market . . . Treats both seed field and sweet corn by the quick, easy dusting method. Only 2 ounces needed per bushel. Prices: 2 ozs., 15c; 4 ozs., 30c;

### WHEAT, OATS, BARLEY AND RYE



drilling rate, and only about half the cost of other dust treatments. One pound treats 32 bushels of seed grain. Prices: 4 oz., 30c; 1 lb., 75c; 5 lbs., \$3.25; 25-lb. drum, \$14.00; 100-lb. drum, \$53.00. Postpaid, 4 oz., 35c; 1 lb., 85c; 5 lbs., \$3.45.

Reduce grain disease losses and increase yields with NEW IMPROVED CERESAN. Use this dust treatment on seed wheat, oats and barley to reduce seed-borne disease, step-up your yield, increase your profit. Tests by experiment stations in most important grain states prove its power against covered smut, black loose smut and stripe of barley; loose and covered smuts of oats; stinking smut of wheat; and seedling blight of all three. Increased yields repay its small cost many times. Easily dusted on seed grain as directed may be applied as long as three months before sowing. No dust in drilling, no drill damage, no change in

### VEGETABLE AND FLOWER SEEDS OR BULBS



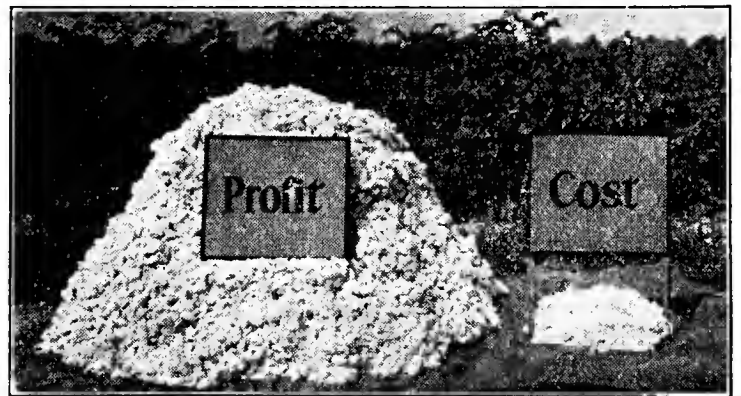
Disease control—better stands—sturdier plants with SEMESAN. Don't trust to luck for success with vegetables and flowers. Do what you can to control conditions. Treat your seeds, corms, bulbs, and seedlings with Semesan! Used as a dust or in solutions with water, Semesan reduces seed rotting and damping-off, is highly effective against many seed-borne diseases, even prevents contamination of the soil by certain seed-borne diseases. One ounce treats 15 to 30 pounds of seeds at a cost of ¼ cent to 1 cent a pound of seed. Prices: ¼ oz., 10c; 2 ozs., 35c; 1 lb., \$2.25; 5 lbs., \$10.00. Postpaid, ¼ oz., 15c; 2 ozs., 40c; 1 lb., \$2.35; 5 lbs., \$10.20.

### SEED POTATOES



5 lbs., \$6.50. Postpaid, 2 ozs., 30c; 4 ozs., 55c; 1 lb., \$1.60; 5 lbs., \$6.70.

Lower costs and better potato yields with IMPROVED SEMESAN BEL. Closely checked tests in 15 states have proved that any potato grower can usually expect better returns from his seed if he treats it with Semesan Bel before planting. At an average cost of 21 cents an acre, this quick-dip treatment—by reducing seed piece decay and seed-borne scab and Rhizoctonia—increased the average yield 13.6%. Result—lower growing cost and more profit! No mussy soaking. Treat your seed as fast as you can dip it. One pound treats 60 to 80 bushels of seed—easily, quickly, inexpensively. Prices: 2 ozs., 25c; 4 ozs., 50c; 1 lb., \$1.50;



2% CERESAN HAS INCREASED THE YIELD OF COTTON AT RATE OF 190 POUNDS PER ACRE.

**TREAT SEEDS EVERY YEAR -IT PAYS**



**RICH FERTILE FIELDS**  
Inoculated Legumes  
**GOOD CROPS**  
**HIGH PROTEIN HAY**  
**INCREASED SOIL FERTILITY**  
**PROSPERITY**

## NITRAGIN

over Forty Years of Service

**LOW PRODUCING SOILS**  
**POOR CROPS**  
**LOW PROTEIN HAY**  
**DECREASED SOIL FERTILITY**  
**POVERTY**

### NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

#### ALFALFA, all CLOVERS

Size	Retail
1/2 bu. ea.....	\$ .30
1 bu. ea.....	.50
2 1/2 bu. ea.....	1.00

#### PEAS (All Varieties)

#### VETCHES (All Varieties)

1/2 bu. ea.....	\$ .25
1 bu. ea.....	.40
1 3/4 bu. ea.....	.60
5 bu. ea.....	1.70
12 1/2 bu. ea.....	4.00

#### BEANS

#### String, Wax, Kidney

1/2 bu. ea.....	\$ .25
1 bu. ea.....	.40
5 bu. ea.....	1.70

#### LESPEDEZA

Size	Retail
1 bu. ea.....	\$ .30
2 bu. ea.....	.50
5 bu. ea.....	1.00

#### SOYBEANS, LIMA BEANS, COW PEAS and PEANUTS

1 bu. ea.....	\$ .30
2 bu. ea.....	.50
5 bu. ea.....	1.00
10 bu. ea.....	1.40
25 bu. ea.....	2.90

#### GARDEN SIZE

#### Garden Peas and Beans

#### Sweet Peas and Lupines

Enough for 6 lbs. seed  
Retail Price 10c each.

### BUILD UP YOUR SOIL

#### Inoculate Your Legumes with NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

#### INOCULATE WITH NITRAGIN

NITRAGIN is an approved, **moist** humus culture—tested and guaranteed—easy to apply—packed with Billions of fresh bacteria—the cheapest legume crop insurance money can buy. Directions on every can.

NITRAGIN

Order by letter—like Nitrigin A-B-C-D-E-L-S or garden size. Everything shown in each group is inoculated by that particular Nitrigin.

A

**Alfalfa**  
Sweet Clover,  
Burr Clover,  
Hubam Clover

B

**Clovers**  
Medium and  
Mammoth Red,  
Alsike, Crimson and  
White Clovers

C

**ALL VETCHES**  
Hairy, Spring, Wild,  
Hungarian, Common  
**Peas**  
Austrian, Canadian  
Garden and Sweet  
**Broad Beans,**  
**Lentils**

D

**Beans**  
String, Snap, Wax,  
Navy, Kidney and  
Scarlet Runner

E

**Peanuts, Cowpeas**  
**and Velvet Beans**  
Lima Beans, Kudzu,  
Crotalaria, Beggar  
Weed

L

**Lespedeza**  
All varieties  
Unhulled or hulled

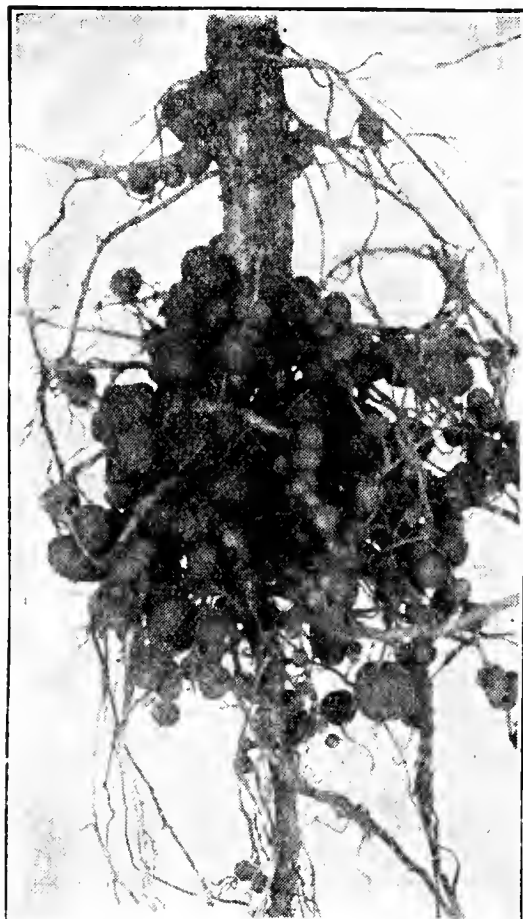
S

**Soybeans**  
All varieties

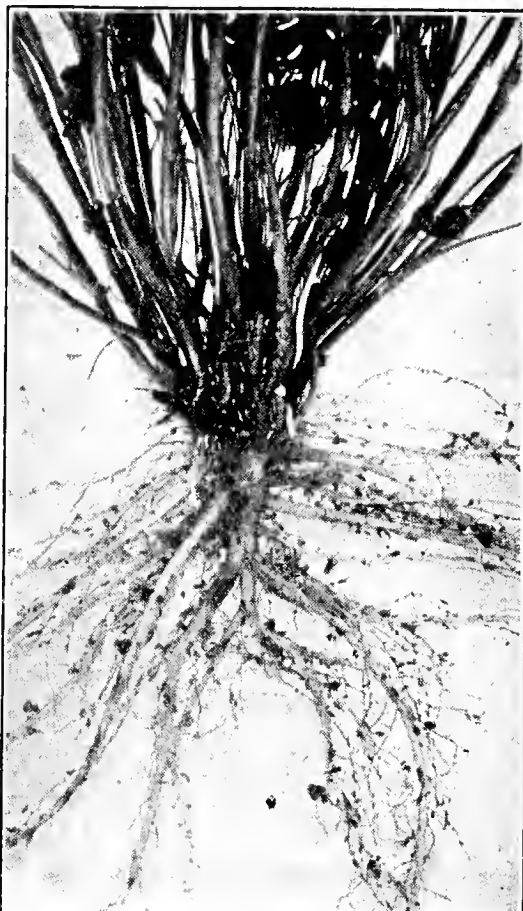
**Garden Size**  
Garden Peas,  
Sweet Peas  
Beans, Lima  
Beans and Lupines

**NITRAGIN — the Oldest and Most Widely Used Inoculator in America**

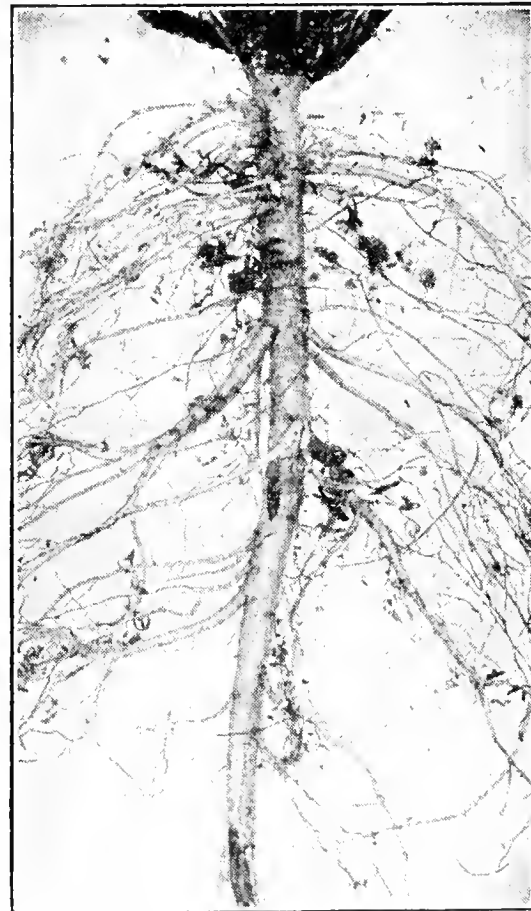
## Nitrigin Produces Nodules—Result, Bigger Yields



SOYBEAN root with nodules produced by NITRAGIN inoculation. NITRAGIN bacteria within the nodules aid in producing higher protein hay, more soybeans and richer soil.



RED CLOVER root with nodules produced by NITRAGIN inoculation. NITRAGIN bacteria within the nodules aid in producing higher protein hay, increased yields, and richer soil.



ALFALFA root with nodules produced by NITRAGIN inoculation. NITRAGIN bacteria within the nodules aid in producing higher protein hay, increased yields, and richer soil.



## Germaco Hotkaps

Give Your Garden a Good Start  
With **HOTKAPS**  
New Method of Plant  
Protection



Germaco Hotkaps are patented wax paper cones that completely cover each plant—the only way to fully protect them from frost. They are an "individual hot-house for each plant," protecting them not only from frost, but from wind, rain, ground-crusting, and insects as well. This is your assurance of earlier, bigger crops, and early-to-market prices.

Be the first with a spring garden. Protect your plants against weather and insects with HOTKAPS. Have vegetables and flowers weeks earlier. They are miniature greenhouses. Cover small plants such as tomato, pepper and eggplants, or cover hills after the seed has been planted in Cantaloupe, Cucumber, Squash, etc.

Prices: Home Garden Package, 25 Hotkaps and cardboard setter, 50c; by mail, 60c.

Special—100 Hotkaps with garden setter and tamper, \$2.75; by mail, \$2.95.

Special—250 Hotkaps with garden setter and tamper, \$4.00; by mail, \$4.25.

100 Hotkaps (loose) without setter, \$2.00; by mail, \$2.20.

1,000 Hotkaps without setter, \$10.75.

5,000 Hotkaps without setter, \$52.50.

Garden setter alone, 50c; mailed, 60c.

Steel Setter and Tamper, \$1.50; by mail, \$1.75.

Steel Tamper alone, 25c; mailed, 35c.

Plants Listed Below will be found on pages designated under their respective headings

PLANTS	PAGE	PLANTS	PAGE
Asparagus Roots .....	23	Horse Radish Roots.....	30
Beets .....	26	Lettuce .....	31
Broccoli .....	23	Pepper .....	37
Brussels Sprouts .....	23	Sweet Potato Slips.....	37
Cauliflower .....	29	Tomato (Seedling) .....	39
Celery .....	27	Tomato (Transplanted) .....	39
Egg Plant.....	30	Rhubarb Roots .....	37

## BERMUDA ONION PLANTS

Plant in February or March, 4 to 6 inches apart in 24-inch rows; early plantings should be mulched slightly. Bermuda Onion Plants give you green onions or mature the crop much earlier than those grown from sets and besides they do not bolt to seed like the sets.

We begin shipping onion plants in January if the weather is not too severe.

VARIETY	Postpaid		
	200	500	1,000
White Wax Bermuda.....	\$0.30	\$0.60	\$1.00
Yellow Bermuda .....	.30	.60	1.00

VARIETY	Not Prepaid		
	200	500	1,000
White Wax Bermuda.....	\$0.20	\$0.40	\$0.75
Yellow Bermuda .....	.20	.40	.75



Our green ink price sheet quotes Onion Plants in larger quantities.  
No plants shipped C. O. D.

## FROST-PROOF CABBAGE PLANTS

These cabbage plants will stand light freezes and considerable cold with little or no damage. They are raised outdoors and are hardy and vigorous. If weather permits they can be set out in this section early in February. If you cannot plant on arrival, heel the plants in the ground; they will keep for weeks. These open air plants enable the gardener to bring full grown heads to the market three weeks earlier. Do not be disappointed if the plants look wilted or yellow on arrival. Set the roots in water for 24 hours and they will revive and grow perfectly satisfactory. All Frost-Proof Cabbage Plants have a wilted appearance, but they will freshen up and come through if you handle them promptly as directed.

Orders for Frost-Proof Cabbage Plants will be filled from February 1st to April 1st and all orders will be sent to customers promptly unless weather is too cold or severe.

### PRICES OF FROST-PROOF CABBAGE PLANTS

	Postpaid				Express			
	100	200	500	1,000	100	200	500	1,000
Early Jersey Wakefield.....	\$0.35	\$0.60	\$1.20	\$1.85	\$0.25	\$0.45	\$1.00	\$1.50
Charleston Wakefield.....	.35	.60	1.20	1.85	.25	.45	1.00	1.50
Early Flat Dutch.....	.35	.60	1.20	1.85	.25	.45	1.00	1.50

No plants shipped C.O.D. No order for less than 100 plants can be accepted. Customers wanting prices on large lots, write us for special quotation.

## SPRAY CALENDAR

CROPS	INSECTS AND DISEASES	MATERIALS	DILUTIONS		TIME TO SPRAY
			One Gal. of Water	50 Gals. of Water	
PEACH PLUM CHERRY	Scale, Insects and Leaf Curl	Lime-Sulphur Sol. Oil Emulsion or Dry Lime-Sulphur	1 pint 1/4 pint 18-20 teaspoonsful	5-7 gallons 2 gallons 12-15 pounds	Before the buds swell. Add Bordeaux to Oil Emulsion to prevent leaf curl.
	Shot Hole or Fungi	Zinc Sulphate	1 teaspoonful	2 pounds	Combine with petal fall.
	Curculio	Arsenate of Lead	2 teaspoonsful	3/4 to 1 pound	Used in combination with Dritomic Sulphur on petal fall, shuck and cover sprays.
	Scab and Brown Rot	Dry Mix, Dritomic Sulphur	12-20 teaspoonsful 1 tablespoonful	8-10 pounds 2 1/2 pounds	1. When most of shucks are off. 2. Two weeks after shucks dropped. 3. Four weeks before picking if necessary.
APPLE PEAR	Borers	Paradichlorbenzene Ethylene Dichloride Emulsion	1 oz. 2 in. from trunk of tree Sprinkled around trunk of tree		In the fall or spring. In the fall or spring.
	Scale Insects and Blister Mites	Lime-Sulphur Sol. Dry Lime-Sulphur	1 pint 18-20 teaspoonsful	5-7 gallons 12-15 pounds	Dormant and delayed dormant. When buds begin to swell.
	Psylla, Slugs, Scab and Codling Moth	Bordeaux Mixture or Dry Lime-Sulphur or Lime-Sulphur Sol. with Arsenate of Lead	12-16 teaspoonsful 5-6 teaspoonsful 1/5 pint 3-8 teaspoonsful	6-8 pounds 3-4 pounds 1 1/4-1 1/2 gallons 1-1 1/2 pounds	1. Cluster or pink stage. 2. Calyx or petal fall. 3. Two weeks after petals fall.
	Later Codling Moth For blight at full blossom Blotch	Arsenate of Lead Bordeaux Dritomic Sulphur	3-8 teaspoonsful 12-16 teaspoonsful 3 teaspoonsful	1-1 1/2 pounds 8 pounds 1 pound	Eight to ten weeks after petals fall and as often as necessary to keep fruit covered with Arsenate of Lead, and a fungicide.
	Aphids (Plant Lice)	Black Leaf 40	1 teaspoonful	1/2 pint	Combine with other spray and apply when Aphids appear.
GRAPE	Chewing Insects Black Rot-Mildew	Arsenate of Lead Bordeaux Mixture	2 teaspoonsful 12-16 teaspoonsful	1-1 1/2 pounds 6-8 pounds	1. After the blossoms fall. 2. Ten days to two weeks later.
	Leaf Hopper	Black Leaf 40	1 teaspoonful	1/2 pint	Apply when first nymphs of the Hopper acquire wings.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

# R.-H. Co.'s TOP NOTCH GARDEN SEEDS

The supreme quality of R.-H. Co.'s garden seeds is recognized throughout the South. The varieties we offer are the highest developments in their respective classes. No better or purer strains are available anywhere in the world. Nowhere can you buy better seeds at any price.

## GARDEN PLANTING INFORMATION

VARIETY	When to Plant	Quantity for 100 Feet	Quantity for an Acre	Distance Between Rows	Distance Apart in the Row	Depth to Plant
ASPARAGUS SEED.....	February, March	2 ozs.	2 to 3 lbs.	18 to 24 in.	6 to 8 in.	1 in.
ASPARAGUS ROOTS.....	Feb., March—Nov.	100 plants	10 to 12 m.	3 to 4 ft.	12 to 18 in.	5 in.
BEANS, BUSH SNAP.....	April, May—July, Aug.	1 pt.	60 lbs.	2 to 3 ft.	3 to 4 in.	1 in.
BEANS, POLE.....	April, May—July, Aug.	1/2 to 3/4 lb.	15 to 20 lbs.	3 to 4 ft.	1 1/2 to 2 ft.	1 in.
BEANS, BUSH LIMA.....	April, May—July, Aug.	1 to 1 1/2 lbs.	45 to 60 lbs.	2 to 3 ft.	6 to 12 in.	1 in.
BEETS, GARDEN.....	March, April—July, Aug.	2 ozs.	6 to 8 lbs.	2 to 2 1/2 ft.	3 to 4 in.	1 in.
BROCCOLI.....	March, April—July, Aug.	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	15 to 18 in.	1/2 in.
BRUSSELS SPROUTS.....	March, April—July, Aug.	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	15 to 18 in.	1/2 in.
CABBAGE.....	February to October	2 pkts.	1/4 to 1/2 lb.	18 to 24 in.	18 to 24 in.	1/2 in.
CAULIFLOWER.....	Feb., Mar.—July, Aug.	2 pkts.	1/4 lb.	2 1/2 to 3 ft.	18 to 24 in.	1/2 in.
CARROT.....	February to September	1 oz.	4 to 5 lbs.	2 to 3 ft.	3 to 4 in.	1/2 in.
CELERY.....	February, March	2 pkts.	1/4 to 1/2 lb.	2 1/2 to 3 ft.	4 to 5 in.	1/4 in.
COLLARDS.....	Spring to Fall	1 oz.	1 to 2 lbs.	2 1/2 to 3 ft.	12 to 18 in.	1/2 in.
CORN, GARDEN.....	March to August	1/2 lb.	12 to 14 lbs.	3 1/2 to 4 ft.	18 to 24 in.	2 in.
CUCUMBER.....	April to August	1 oz.	2 to 3 lbs.	4 to 5 ft.	4 to 5 ft.	1 in.
EGGPLANT.....	March to July	2 pkts.	1/2 lb.	3 to 3 1/2 ft.	2 to 3 ft.	1/4 in.
ENDIVE.....	March to August	2 pkts.	1 lb.	2 to 3 ft.	12 to 15 in.	1/2 in.
KALE.....	Spring to Fall	1 oz.	2 to 3 lbs.	2 to 3 ft.	6 to 8 in.	1/2 in.
KOHLRABI.....	March to September	1 oz.	1 lb.	2 to 3 ft.	5 to 6 in.	1/2 in.
LETTUCE.....	February to September	1 oz.	2 lbs.	24 to 30 in.	6 to 12 in.	1/4 in.
LEEK.....	March to September	1 oz.	2 lbs.	12 to 24 in.	4 to 6 in.	1/2 in.
MUSTARD.....	February to October	1 oz.	2 to 3 lbs.	2 to 3 ft.	3 to 4 in.	1/2 in.
MUSKMELON, CANTALOUPE.....	April to August	1 oz.	2 to 3 lbs.	4 to 6 ft.	4 to 6 ft.	3/4 to 1 in.
OKRA.....	April to July	1/4 lb.	8 to 10 lbs.	3 to 4 ft.	12 to 18 in.	1 in.
ONION SEED.....	February to September	1 oz.	3 to 4 lbs.	24 to 30 in.	3 to 4 in.	1/2 in.
ONION SETS.....	February to October	1 qt.	8 to 10 bus.	24 to 30 in.	3 to 4 in.	1 in.
ONION PLANTS.....	March to June	300 plants	60 m.	24 to 30 in.	3 to 4 in.	1 in.
PARSLEY.....	February to September	1 oz.	5 to 6 lbs.	18 to 24 in.	3 to 4 in.	1/2 in.
PARSNIP.....	February to August	1 oz.	5 to 6 lbs.	18 to 24 in.	4 to 6 in.	1 in.
PEPPER.....	March to July	2 pkts.	1/4 lb.	2 to 3 ft.	18 to 24 in.	1/4 in.
PEAS, GARDEN.....	February to July	1 lb.	60 to 75 lbs.	2 1/2 to 3 ft.	3 to 4 in.	1 in.
PUMPKIN.....	April to July	1 oz.	2 to 3 lbs.	8 to 10 ft.	8 to 10 ft.	1 in.
RADISH.....	February to October	2 ozs.	8 to 10 lbs.	18 to 24 in.	1 to 2 in.	1/2 in.
RUTABAGA.....	March to October	1 oz.	2 to 3 lbs.	18 to 24 in.	4 to 6 in.	1/2 in.
SALSIFY.....	March to July	2 ozs.	6 to 8 lbs.	18 to 24 in.	3 to 4 in.	1/2 in.
SPINACH.....	January to October	2 ozs.	8 to 10 lbs.	2 to 3 ft.	1 to 2 in.	1 in.
SQUASH.....	April to August	1 oz.	2 to 3 lbs.	3 to 4 ft.	3 to 4 ft.	1 in.
TOMATO.....	February to July	1 pkt.	1/4 lb.	4 to 5 ft.	3 to 4 ft.	1/4 in.
TURNIP.....	February to October	1 oz.	2 to 3 lbs.	2 to 2 1/2 ft.	2 to 3 in.	1/2 in.
TOMATO PLANTS.....	April to July	24-36	3 to 4 m.	4 to 5 ft.	3 to 4 ft.	1 in.
WATERMELON.....	April to July	1 oz.	2 to 3 lbs.	8 to 10 ft.	8 to 10 ft.	1 in.

### Special Postpaid Offer No. 1

Select any Eight 5c Pkts. for 30c.  
Select any Fifteen 5c Pkts. for 50c.

### ASPARAGUS

**MARY WASHINGTON ROOTS.** Color green with slight purplish tinge. Set in 4-foot rows, 16 inches apart. Place crown 4 to 5 inches below surface of the ground. Have beds enriched with rotted manure or cotton seed meal. When spring starts, apply Nitrate of Soda. Keep beds well cultivated. Don't cut Asparagus the first season. Prices, postpaid, 2-year roots, 20 for 65c; 50 for \$1.25; 100 for \$2.10. Not prepaid, 20 for 50c; 50 for \$1.00; 100 for \$1.75.

**MARY WASHINGTON SEED.** Culture—Sow outdoors in February and March in 18-inch rows, dropping two seeds every 6 inches, cover seeds 1 inch. One ounce will sow 50 feet of row and produce 200 plants. Prices, postpaid, Pkt., 5c; 1/2 oz., 10c; oz., 15c; 1/4 lb., 30c; lb., \$1.00.

### ARTICHOKE

**JERUSALEM GIANT.** (120 days.) Excellent for fattening hogs—they grow like potatoes. Plant in 4-foot rows, 18 inches apart, any time in March or April. Prices, postpaid, 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.00. See Green Ink List for prices on larger quantities.

**GREEN GLOBE.** Grown for the undeveloped flowerheads which are cooked like asparagus. Begin to produce the second season. Prices, postpaid, Pkt., 10c; 1/2 oz., 20c; oz., 35c.

### Special Postpaid Offer No. 2

Select any Four 10c Pkts. for 30c.  
Select any Seven 10c Pkts. for 50c.

### BROCCOLI

**GREEN SPROUTING CALABRESE.** (90 days.) A decidedly fine variety. The plant forms a solid, large green head. When the central head is cut, sprouts come out from the leaf axils, each terminating in a small head as good as the first. The seed should be sown and cared for in the same way as cabbage or cauliflower. Prices, postpaid, Pkt., 10c; 1/2 oz., 15c; oz., 25c; 2 ozs., 40c; 1/4 lb., 75c.

### BRUSSELS SPROUTS

**LONG ISLAND IMPROVED.** (100 days.) An erect growing plant whose stalk is closely covered with light green buds resembling small cabbages. Sow seed in March or April one-half inch deep, transplant later to open rows two feet apart. Cultivate like cabbage. They can be sown outdoors April 1st. Two packets will drill 100 feet. Prices, postpaid, Pkt., 10c; 1/2 oz., 15c; oz., 25c; 2 ozs., 35c; 1/4 lb. 60c.

### BROCCOLI AND BRUSSELS SPROUT PLANTS

Ready March 15th  
Postpaid, doz., 25c; 25, 40c; 100, \$1.  
Not prepaid, doz., 15c; 25, 25c; 100, 85c.



Mary Washington Asparagus

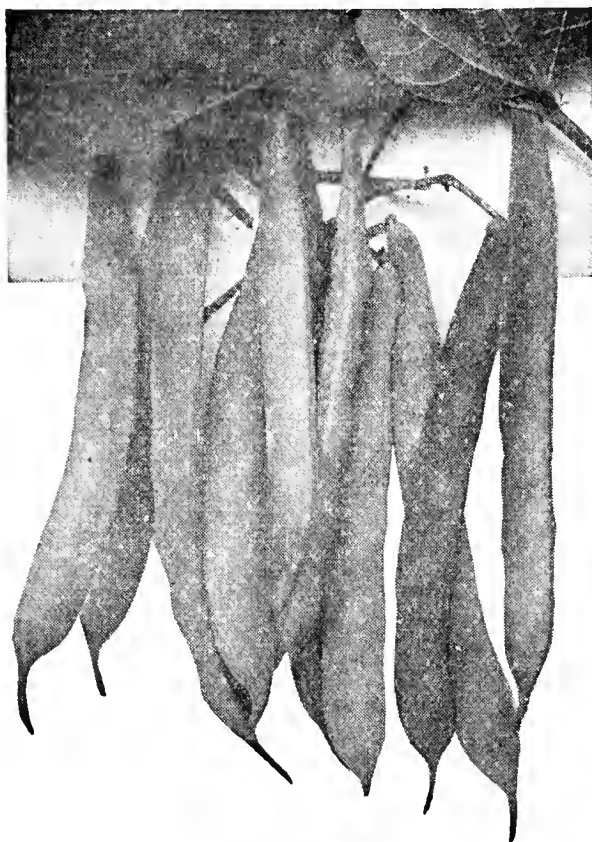


Long Island Improved Brussels Sprouts

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



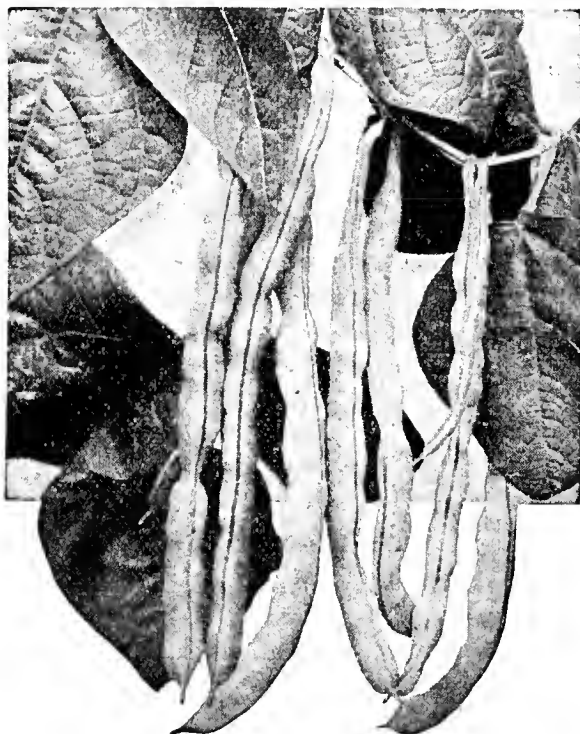
## Bush or Snap Beans



Full Measure



Tendergreen



Kentucky Wonder

**Culture**—1 lb. of seed will sow 100 feet of row; 60 lbs. will plant one acre. Begin planting in this section about the middle of March and make plantings three or four weeks apart up to September 1st. This will give green Beans all through the season. Keep young Beans picked—do not let them go to seed; it will prolong the bearing season of the plants. Sow in drills 2 to 3 ft. apart, dropping a Bean every 3 to 4 inches, cover about 1 inch, plant in good, loamy soil, avoid heavy clay or cold places, cultivate often until vines begin to bloom. For best results inoculate seed with NITRAGIN.

**BOUNTIFUL.** (48 days.) Is the earliest of the green varieties. A very productive Bean; pods are about 5 inches long, straight, handsome, light green and flat.

**BURPEE'S STRINGLESS GREEN POD.** (53 days.) One of the finest green pod varieties for home garden, market gardener and canner. Pods round, medium green, 5½ inches long, slightly curved, thick, meaty and juicy; perfectly stringless. Seeds coffee-brown.

**FULL MEASURE BUSH BEANS.** (52 days.) A fine green podded bush Bean of handsome appearance with round green beans measuring 5 to 5½ inches long and ¾ inch thick. They are brittle, tender, fleshy and stringless. Seed reddish brown, splashed with pale buff.

**GIANT STRINGLESS GREEN POD.** (53 days.) An excellent variety. Pods round, medium green, 6 inches long, fairly straight, brittle, very fleshy and entirely stringless. Seeds light brown.

**IMPROVED EARLY RED VALENTINE.** (52 days.) Plant medium size, erect, very productive. Pods 4 to 5 inches long, medium green, round, curved, slim with crease in back; very fleshy, crisp and tender.

**IMPROVED GOLDEN WAX.** (53 days.) A real early wax pod stringless type that is standard for the home garden. Superior quality, flat, straight pods, 4 inches long. Seeds white and purple.

**PROLIFIC BLACK WAX.** (52 days.) Very early and productive; pods large, yellow and round, five to six inches long, strictly stringless, very brittle and of excellent quality.

**STRINGLESS BLACK VALENTINE.** (53 days.) This green pod Bean is typically Black Valentine. Has all the sturdy characteristics which popularized Black Valentine as a producer and shipper; has long, practically straight oval pods of good color and texture and is completely stringless.

**TENDERGREEN.** (54 days.) This is a new Bush Bean of utmost value. The plants make a strong and vigorous growth. The pods grow 6 to 7 inches long. Round, green, extremely meaty, and tender. Even when fully grown they are absolutely stringless.

**TENNESSEE GREEN POD.** (52 days.) Very popular in the South. Plant medium large, spreading, hardy and productive. Pods flat, broad and quite irregular in shape, medium green, 6 to 7 inches long, curved, slightly stringy, but of good flavor.



### PRICES on any of the BUSH or POLE BEANS on this page

Postpaid, ¼ lb., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 45c; 5 lbs., 95c. Not prepaid, ½ lb., 15c; 1 lb., 25c; 2 lbs., 35c; 5 lbs., 75c.

Prices on larger quantities are quoted on our Green Ink List enclosed.

## Pole or Running Beans

**Culture**—Plant two weeks after the Bush varieties, when the ground begins to warm up. Pole Beans can be planted every three or four weeks up to August 20th, and they will make a crop. Fall Beans are always tender. Have rows 3 to 4 feet apart; 2 pounds will plant 150 hills. Drop two seeds 1½ to 2 feet apart, cover one inch, cultivate as needed. For market use it requires 15 to 20 pounds to plant an acre. Pole Beans can also be planted on wire fences or on a trellis. Plant 2 feet apart; ½ to ¾ lb. of seed will plant 100 feet of fence row. When planting in corn drop two or three seeds to every hill when corn is 12 inches high. For best results inoculate seed with Nitragin.

**IDEAL MARKET.** (58 days.) Particularly desirable for home garden and truckers, being a week earlier than Kentucky Wonder. Plant hardy and vigorous. Pods round, deep green, 6 inches long, slightly curved, meaty, tender and stringless when young. Seeds solid black.

**KENTUCKY WONDER.** (65 days.) The best of all and most popular of the green-podded running Beans. Unexcelled for home, market garden and for canning. Plant a hardy, strong climber that continues to bear until frost. Pods round, 8 to 10 in. long, curved and saddlebacked; stringless when young, very fleshy, fiberless, brittle and of superb flavor when cooked.

**KENTUCKY WONDER WAX.** (64 days.) A heavy yielding wax-podded pole Bean, for home or market gardens. Curved, yellow, flat pods grow 10 inches long, meaty and of good flavor, but show strings.

**MCCASLAN.** (65 days.) An early prolific Bean, excellent for home market as a snap or dry shell Bean. Pods deep green, 8 inches long, slightly flattened, almost stringless and of fine flavor. If kept closely picked, they will bear until frost.

**SCOTIA or STRIPED CREASEBACK.** (Cornfield.) (72 days.) A very hardy productive cornfield Bean. Pods 6½ to 7 inches long, round, straight and creasebacked; slightly stringy, very fleshy, fine grained, attractive and of good quality; color dark green.

**TENNESSEE WONDER.** (70 days.) The largest and handsomest of the vining varieties. Plant medium, good climber and moderately productive. Pods round, light green, 8 inches long, straight, creasebacked, fleshy, brittle and tender, stringless when young.

**WHITE CREASEBACK.** (63 days.) An extremely early Pole Bean. Vines small to medium and wonderfully productive, bearing pods in clusters of from 4 to 12 and medium in length. An excellent shipper. Seeds white, excellent for baking.

**WHITE-SEEDED KENTUCKY WONDER.** (64 days.) Similar in growth to the Kentucky Wonder, but the pods are long, straight and entirely stringless. The white beans are also fine for winter use.

**ASPARAGUS YARD LONG BEANS.** (80 days.) This is a most unusual green-podded snap Bean, often called Yard Long, though the pods usually do not grow more than 2 feet in length. The yield is truly astonishing. The pods are palatable and tasty and should be picked while still young. The seeds are brown. Postpaid, ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c. Not prepaid, ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c.

## Bush Butter or Lima Beans

**Culture**—Lima Beans grow best on rich, well drained, porous soil. Do not plant until danger of frost is over, the soil warm and moderately dry, and the nights quite warm, as Lima Beans are a tender vegetable. In most sections Limas are planted about two weeks after the first planting of bush or snap Beans. Plant in drills  $2\frac{1}{2}$  to 3 feet apart, spacing the seed 6 to 12 inches apart, and plant them edgewise with the eye downwards. Cover 1 inch deep. Cultivate shallow and frequently until the plants blossom. Pick the pods as soon as the Beans are of edible size. 1 to  $1\frac{1}{2}$  lbs. will plant 100 feet of row; 45 to 60 lbs. to an acre. For best results inoculate with NITRAGIN.

**BURPEE'S IMPROVED BUSH LIMA.** (75 days.)

An improvement over the old Burpee's Bush Lima, slightly earlier and larger. Plant sturdy, vigorous and very productive. Pods 5 inches long, contain 3 to 4 beans, flat but thicker than Burpee's Bush.

**JACKSON WONDER BUSH LIMA.** (65 days.)

This is also called Never Fail Bush Lima. Excellent drought resistant and sure cropper. Pods about 3 inches long,  $\frac{3}{4}$  of an inch wide, filled with 3 or 4 beans, of medium size, flat, light brown to purple, mottled, also good as a winter shell Bean.

**WOOD'S PROLIFIC BUSH LIMA.** (72 days.)

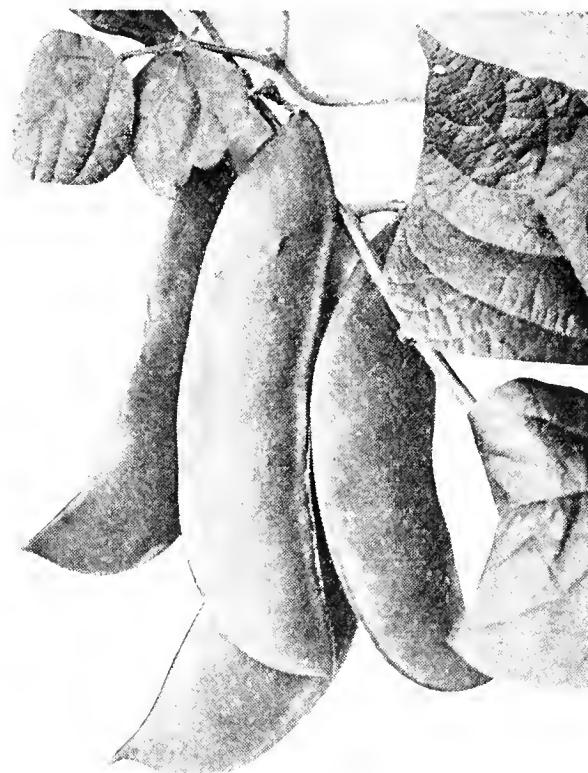
Similar to Henderson's but slightly larger. Extremely prolific, of true bush form, and very early, beans white, valuable when fresh or dried.

**HENDERSON'S BUSH LIMA.** (68 days.)

The earliest variety. One week earlier than Burpee's Bush Lima. Sometimes called Baby Lima. Used largely by canners. Plant small, dark green, erect, bushy; pods flat, containing 3 to 4 flat, light green beans or seed, of excellent flavor when ripe and dry. Best yields obtained on warm, sandy loam. Dry beans creamy white.

**Prices on any Bush Lima Beans  
on this page:**

Postpaid,  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 45c; 5 lbs., 95c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 35c; 5 lbs., 75c.



Henderson Bush Lima

## Pole Butter or Lima Beans

**Culture**—One pound will plant 100 feet of row; 30 lbs., to the acre. Set poles 4 feet apart each way. Drop 4 to 6 beans in each hill; the large types with eye downward. Cover 1 to  $1\frac{1}{2}$  inches, thin to three plants when up. Plant after ground is warm in April and May. Late plantings can be made up to August 1st. For best results inoculate with NITRAGIN.

**CAROLINA or SIEVA.** (78 days.) In the South this is familiarly known as the "Butter Bean." It is very early, vigorous and productive. The seeds are small and white but of good flavor.

**FLORIDA or SPECKLED CALICO POLE BUTTER BEAN.** (82 days.) This is undoubtedly the greatest yielding Pole Lima Bean known today. It commences to bear very early and bears continually until killed by frost. It is an extra fine flavored Bean, both in the green state and when shelled dry for winter use. The beans are medium size, beautifully speckled or blotched dark red to black.

**KING OF THE GARDEN LIMA.** (88 days.) An old favorite variety, bearing large dark green pods, with 4 to 5 large white beans of fine quality.

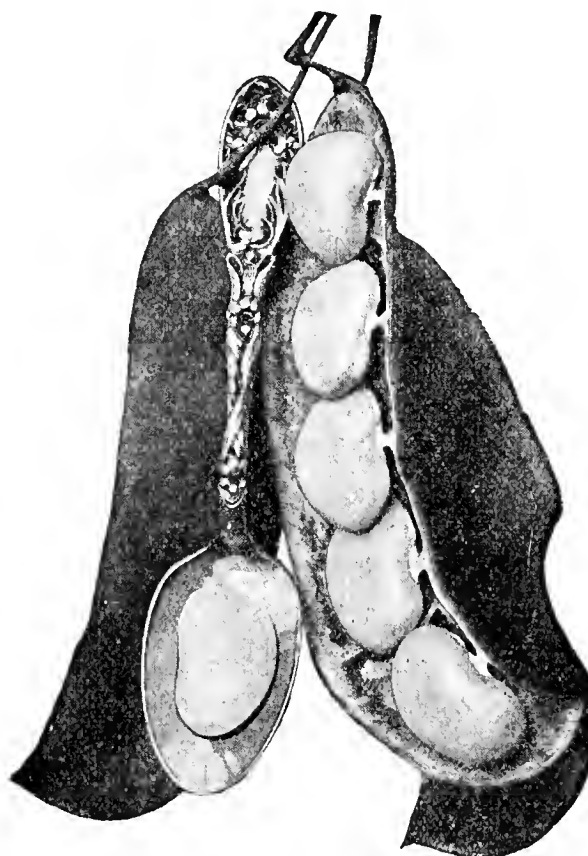
**LARGE WHITE LIMA.** (88 days.) Beans greenish white, large size, matures late. The most productive variety for this section.

**WILLOW LEAF LIMA.** (90 days.) A great yielder and fine flavored. The vines are vigorous with many short branches. The leaves are small, smooth, stiff, glossy and dark green. The pods are dark green, short, about three inches, curved. Seed small, flat and white.

**Prices on any Pole Lima Beans  
on this page:**

Postpaid,  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 2 lbs., 45c; 5 lbs., 95c. Not prepaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 2 lbs., 35c; 5 lbs., 75c.

**TO CONTROL  
MEXICAN BEAN BEETLES  
USE "ROTENONE 75 DUST"**



King of the Garden Pole Lima

## Dwarf Shell or Field Beans

**Culture**—Do not plant until the middle of June. Plant in rows 2 to 3 feet apart, spacing the seed 2 to 3 inches apart, and cover 1 to 2 inches deep. One lb. for 100 feet; 60 to 75 lbs. per acre. Plants erect, semi-bush type. For best results inoculate with NITRAGIN.

**GREAT NORTHERN.** (90-100 days.) The standard dry shell Bean used for baking and soup. Vine large, slender, spreading with short runners, hardy and productive.

**PINTO.** (110 days.) A standard shell Bean, grows well in the South. Vine  $2\frac{1}{2}$  feet, vigorous and productive.

**RED KIDNEY.** (90-100 days.) One of the finest of all beans for baking. Very productive.

**WHITE NAVY.** (90-100 days.) This small shell Bean will out-yield all others. Excellent for use as baked beans. Plant large, spreading, with many runners.

**Prices, any of above Field Beans:**

Postpaid,  $\frac{1}{2}$  lb., 15c; 1 lb., 30c; 2 lbs., 40c; 5 lbs., 85c. Not prepaid,  $\frac{1}{2}$  lb., 10c; 1 lb., 20c; 2 lbs., 30c; 5 lbs., 65c.



Burpee's Improved Bush Lima

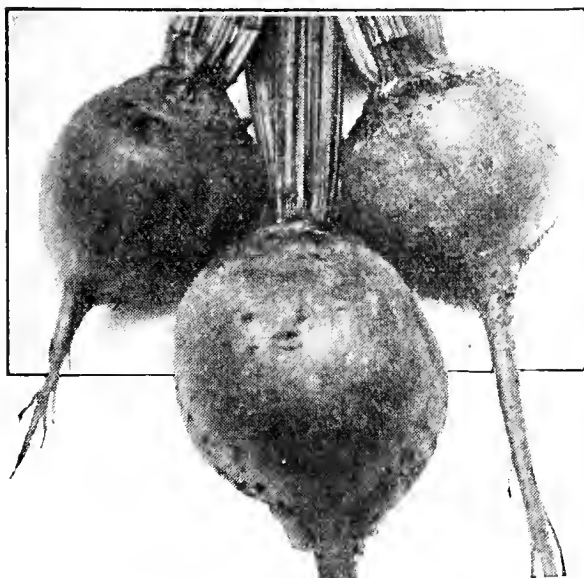
**TOP NOTCH BEAN  
COLLECTION**

These Five Varieties

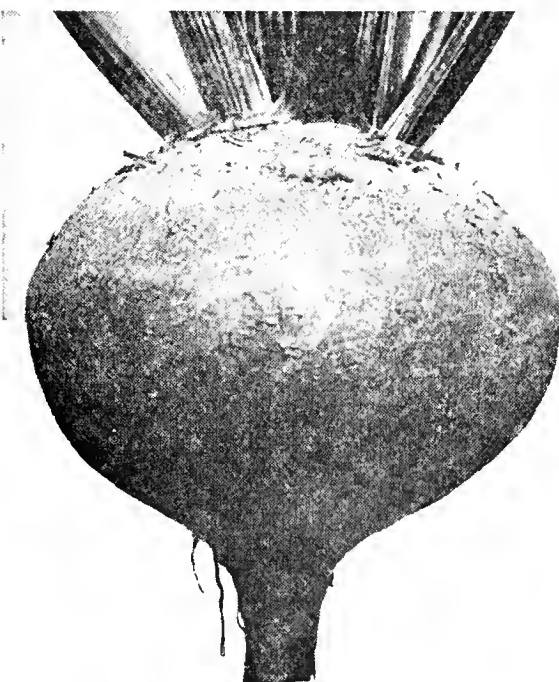
POSTPAID  
FOR ONLY.....**59¢**

- $\frac{1}{2}$  lb. Burpee Stringless Bush Beans
- $\frac{1}{2}$  lb. Kentucky Wonder Pole Beans
- $\frac{1}{2}$  lb. Henderson's Bush Lima Beans
- $\frac{1}{2}$  lb. Carolina or Sieva Pole Lima Beans
- $\frac{1}{2}$  lb. Scotia Striped Cornfield Beans





Detroit Dark Red Beets



Crosby's Egyptian Beet



Lucullus Swiss Chard

## Garden Beets

**Culture**—For earliest use and market, sow seed of any round sort under glass, in February or March, and transplant to open ground in March or April. Seed for main crop may be sown in the early spring as soon as ground can be worked. For table Beets sow in drills 2 to 2½ feet apart and thin to stand 3 to 4 inches apart in the rows. A packet will sow a row about 25 feet long; use 2 ounces to 100 feet; 6 to 8 lbs. per acre. Make successional plantings and cultivate freely. They are fit for use in 35 to 65 days. Beet tops are much used for greens, being cooked like spinach.

**DETROIT DARK RED.** (50 days.) A highly bred, globe-shaped Beet for home or market. We offer a special strain of this famous Beet. It excels in uniformity of size, shape and color, being suited for home use, market sales, storing, shipping and canning. The roots are of medium size, smooth, perfectly globe-shaped, and of attractive appearance. The color of the flesh is a most intense deep red, showing no signs of any zones after cooking. It remains tender throughout and free from fiber until fully grown.

**CROSBY'S EGYPTIAN.** (42 days.) Medium size tops, roots flattened globe shape; flesh deep red, zoned lighter. Our strain of this quality Beet is a decided improvement on the older forms of Egyptian and we claim there is no better early garden Beet, as it increases in size so rapidly. The roots are larger and more globular though still somewhat flattened at the top, representing more or less of a turnip shape. The skin is a very deep red and the flesh is somewhat lighter in color.

**BEET PLANTS.** Ready March 1st. Crosby's Egyptian, Detroit Dark Red. Postpaid, 100, 50c; 200, 85c; 500, \$1.75; 1,000, \$2.85. Not prepaid, 100, 35c; 200, 60c; 500, \$1.50; 1,000, \$2.50.

**EARLY BLOOD TURNIP.** (60 days.) If in doubt about what beet to plant, you will not go wrong in planting the Early Blood Turnip. Of uniform size, with smooth skin free from fibrous roots. Color rich dark red. Tender, sweet and crisp. Ideal for planting in May, June and July to make beets for winter. A fine keeper.

**EARLY WONDER.** (40 days.) Also known as Boston Crosby. Early, tender and sweet, dark red roots. This early Beet is the result of yearly selection made over a period of time. As we offer it today it seems almost impossible to still further improve its appearance and excellent quality. It is probably the earliest of the small table Beets for outside growing. The roots are flat to globe in shape, of a beautiful deep red color, and of medium size.

**PERFECTED EARLY DETROIT.** (50 days.) A strain of recent development—comes 90 per cent true to dark red and does not show white rings. Roots smooth, globe shaped and top slightly shorter than regular Detroit, making it very fine for bunching.

Prices on any of the above varieties of Table Beets:

Postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 60c; 5 lbs., \$2.20; 10 lbs., \$3.75. Not prepaid, ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50.

## Stock Beets or Mangels

**CULTURE**—Plantings should be made from April until the middle of June, soaking the seeds for 24 hours before planting. Sow in drills 2 to 2½ feet apart. Thin out to stand 10 inches apart in the row; 5 to 6 lbs. will plant an acre. Cultivate as soon after planting as possible. As soon as frosts occur, dig the roots, cut off the tops and pile on a well drained situation, covering with straw or corn stalks and an inch of earth. As it gets colder increase the covering to prevent freezing. Always feed with some dry roughage.

**MAMMOTH LONG RED MANGEL.** (110 days.) Highest in yield. The roots often weigh 20 to 30 pounds each. It grows well above ground, is easily pulled; the deep red roots are straight, well formed and solid. A fine keeper and will supply an abundance of succulent green food for stock of all kinds and for poultry. Adapted to deep soils.

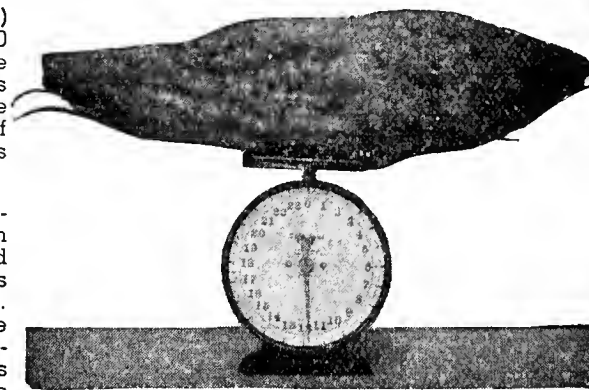
**GOLDEN TANKARD MANGEL.** (95 days.) Especially recommended for the dairyman on account of its milk producing properties and the richer quality of the milk. The flesh is firm and solid, rich golden yellow color. Due to its peculiar shape they can be grown closer in the rows than most mangels, increasing the yield per acre. Grows well above ground and easily pulled. Does well on light soils.

**GIANT FEEDING SUGAR.** (90 days.) Not as high in tonnage yield per acre but the pound for pound feeding value is greater because of its high sugar content. Grows partly out of the ground and is easily harvested. Fine for fattening cattle and equally as good as other stock beets for general feeding.

**KLEIN WANZLEBEN SUGAR.** (95 days.) Large, smooth white roots with broad shoulder, gradually tapering toward the base; good keepers. Widely grown in many sections for sugar production and stock feeding. Rich in sugar content. Claimed to be the heaviest yielder of the sugar beets.

Prices, any of the four varieties of Mangel or Stock Beets:

Postpaid, 1 oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 55c; 2 lbs., 90c; 5 lbs., \$1.70; 10 lbs., \$2.75. Not prepaid, ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.50; 10 lbs., \$2.50.



Mammoth Long Red Mangel

## Swiss Chard

Spinach Beet or Sea Kale

**Culture**—Swiss Chard is a beet grown for its leaves. The midrib, when boiled, makes delicious greens or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat and will continue to grow all through the summer and fall.

**LUCULLUS.** (52 to 62 days.) A variety with curled leaves like a Savoy cabbage. The plant grows nearly 2 feet high and the stem and leaves are very large and of fine quality.

Postpaid, pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.20. Not prepaid, ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00.

## Cabbage

**Culture**—For very early use sow in January or February in hotbeds; put out when the plants are strong enough, into other hotbeds, or sow in cold frames in March; transplant when danger from killing frost is past, to open ground in rows 18 to 24 inches apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills 3 or 4 inches apart; transplant early in July in rows. Cabbage succeeds best in fresh, rich soil, well manured and deeply dug or plowed. One ounce of seed produces about 2,000 plants; one-half pound will produce enough plants to set an acre. We have indicated the average number of days required to produce heads from the date the young plants are set in the field.

**COPENHAGEN MARKET.** (70 days.) The heads average about 10 pounds each in weight, are very solid and of fine quality. It matures as early as Charleston Wakefield.

**GOLDEN ACRE.** (64 days.) This early, round-headed cabbage closely resembles Copenhagen Market in type. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer.

**MAMMOTH RED ROCK.** (90 days.) The largest and surest heading red cabbage and the best for pickling. The heads are large, round, very solid and attractive. **Postpaid, pkt., 10c; oz., 20c; 2 oz., 35c; 1/4 lb., 55c; 1/2 lb., 95c; 1 lb., \$1.75.**

**ALL SEASONS.** (90 days.) The name best describes this variety as it is sureheaded, of the Flat Dutch type of heads and a first class main crop. The heads are very large, extremely hard and solid.

**CHARLESTON or LARGE WAKEFIELD.** (73 days.) A selection from Early Jersey Wakefield, producing a larger and more solid head. Charleston Wakefield is more uniform in type and a much better shipping variety; of fine quality.

**EARLY FLAT DUTCH.** (70 days.) Excellent second-early variety, producing fine large heads. Highly valued for the fine quality

and ability to resist heat. Heads are round, flattened on top, measure 13 inches across and weigh from 10 to 12 pounds each. A favorite with many market growers.

**EARLY JERSEY WAKEFIELD.** (64 days.) Dwarf, compact plants maturing very early. The heads are pyramidal in shape, having a blunted or rounded peak. Very sweet flavor. Small outside foliage and a uniform crop.

**LARGE LATE DRUMHEAD.** (105 days.) A dependable heading variety, good winter keeper, solid and firm.

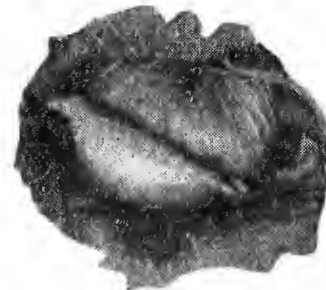
**LARGE LATE FLAT DUTCH.** (110 days.) Remarkably large, solid heads, of bluish green with a broad, flat surface and interior of fine quality; crisp, tender, white; a good keeper.

**LARGE DRUMHEAD SAVOY.** (90 days.) Leaves curled, tender and delicately flavored when touched by frost. Heads flattened, nearly round; leaves crimped, bluish green. A favorite for fall and winter market. Sow seed in June and July. Set in the open in September.

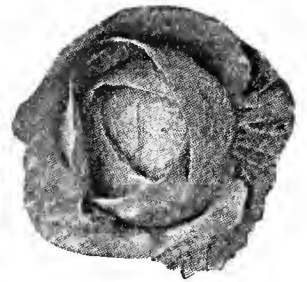
**SUCCESSION.** (84 days.) A sure heading variety; fine for market. Heads solid, compact, large and flattened, will average 12 pounds.



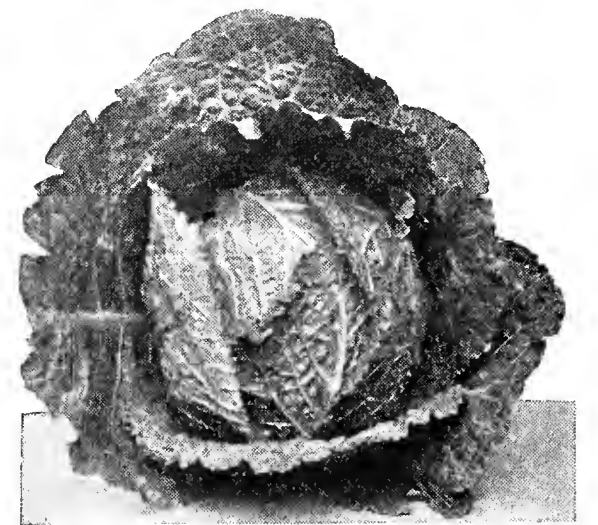
Early Jersey Wakefield



Golden Acre



Early Flat Dutch



Large Drumhead Savoy

### CABBAGE SEED PRICES

Prices on all varieties of cabbage seed except Mammoth Red Rock: **Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; 1/4 lb., 40c; 1/2 lb., 65c; 1 lb., \$1.10; 5 lbs., \$4.95. Not prepaid, 1/2 lb., 60c; 1 lb., \$1.00; 5 lbs., \$4.75.**

### FROST PROOF CABBAGE PLANTS

Ready for shipment in February. **Postpaid, 100, 35c; 200, 60c; 500, \$1.20; 1,000, \$1.85.** Quantity prices quoted on Green Ink List enclosed.

## CELERY CABBAGE

(ALSO CALLED CHINESE CABBAGE)

Celery Cabbage has a distinct taste and flavor and when cooked it can be served like spinach, using the green part of the leaves. The middle ribs are very palatable cooked like asparagus. Raw, it is used like lettuce or cold slaw and is very tender and delicious.

**Culture**—Sow in March and April; also in July and August for fall crop; transplant and treat like cabbage. Tie up when plants begin to head.

**PE-TSAI.** Heads grow 10 to 12 inches tall. Leaves are tightly folded around the heart which is well blanched, tender, juicy and of such an agreeably pungent flavor as to be in great favor for eating raw like Lettuce or prepared like ordinary Cabbage.

**CHIHILI.** Long, pointed, very firm, solid heads, pure white inside and of the finest flavor. The leaves are broad, smooth, and fringed at the edge. When fully matured heads often measure 18 inches tall and 3 1/2 to 4 inches thick.

### CELERY CABBAGE SEED PRICES

**Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; 1/4 lb., 40c; 1/2 lb., 65c; 1 lb., \$1.10; 5 lbs., \$4.95. Not prepaid, 1/2 lb., 60c; 1 lb., \$1.00; 5 lbs., \$4.75.**

## CELERIAC

**GIANT PRAGUE.** (120 days.) Produces large edible roots which are ready for use after they have grown about 2 inches across. May be cooked like turnips, or boiled and served with a cream sauce or used in vegetable soup, stews and other dishes. Has a most pleasant nut-like celery flavor. Grow as you would celery except that it does not require hilling or blanching. **Pkt., 5c; 1/2 oz., 15c; oz., 25c.**

## CELERY

**GOLDEN SELF-BLANCHING.** (115 days.) Very popular because of its earliness and self-blanching quality. The dwarf, compact plants grow 18 to 20 inches tall and form thick, solid stalks which readily blanch to a beautiful waxen yellow. **Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c.**

**WHITE PLUME.** (115 days.) Foliage is bright, light green, tinted white; stalks and foliage blanch readily to a pure snowy white. Crisp, tender and free from fiber strings. **Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c.**

### CELERY PLANTS

**GOLDEN SELF BLANCHING.** Ready March 15th. **Postpaid, 25, 25c; 50, 40c; 100, 75c. Not prepaid, 25, 15c; 50, 30c; 100, 50c.**



Chihili Celery Cabbage



White Plume Celery



## Garden and Sugar Corn

**Culture**—Plant the garden corns the 15th of March, sugar corns not until the first week in April. One pound of corn will plant about 200 hills; 12 to 14 pounds of seeds will plant an acre. Make hills 3 feet each way, leaving 2 stalks to the hill. Make successive plantings every 3 weeks to have roasting ears all through the summer. Plant only in rich or well-fertilized soil.

### Garden Corn

**EXTRA EARLY ADAMS.** (75 days.) One of the earliest of the garden corns. Ears 5 inches long, grains white and tender, 12 to 14 rows.

**EARLY LARGE ADAMS.** (85 days.) Kernels white, fairly sweet and tender. Stalks 6 to 7 feet tall, ears 7 to 8 inches long, 12 to 14-rowed.

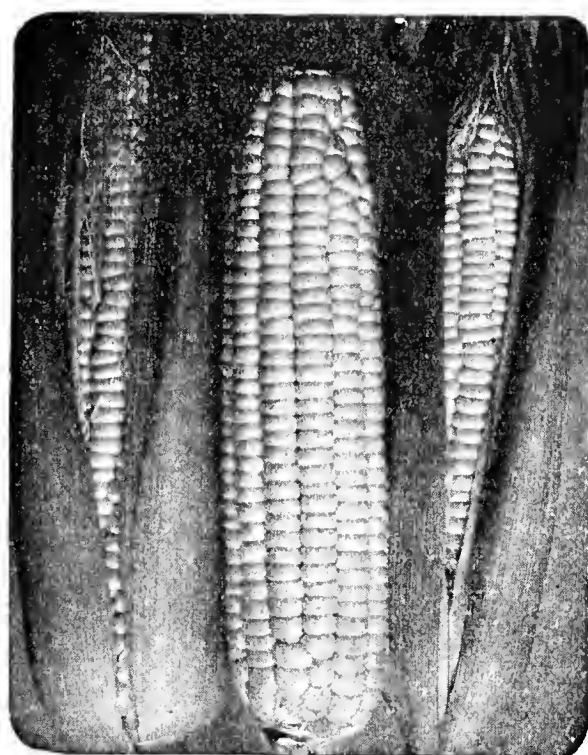
**IMPROVED ADAMS.** (90 days.) Ears 8 to 9 inches long, 14 rows, grains pure white, sweet and tender.

**TRUCKER'S FAVORITE.** (85 days.) Ears 8 inches long, even rowed, tender and of fine quality, usually produces two good ears to each stalk. An excellent variety for field culture or for late planting to use as a garden crop.

**R.-H. CO.'S EARLY SURPRISE.** (68 days.) You can depend on getting it right from us. Stalks 7 feet tall, ears 9 to 10 inches long, producing generally 2 good ears to a stalk. Grains white and stay tender longer than the average varieties of garden corns. It also adapts itself as a fine early field corn.

**HONEY JUNE.** (88 days.) A cross between Country Gentlemen and White June. The stalks are tall and vigorous, ears medium in size and have 14 to 16 rows. The grains are long, slender and white, producing 1 to 2 ears to the stalk. It develops a heavy shuck which provides a natural protection against ear worm damage. **Postpaid, pkt., 10c; 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 50c; 5 lbs., \$1.05. Not prepaid, 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 40c; 5 lbs., 85c.**

**Prices of Any of the Above Varieties of Garden Corn Except Honey June**  
Postpaid, pkt., 10c; 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 35c; 5 lbs., 70c. Not prepaid, 1/2 lb., 10c; 1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c. Quantity prices on our Green Ink List.



R.-H. Co.'s Early Surprise

### Sugar Corn

Plant these when the ground is warm, not too soon, otherwise the seed will rot. For real quality, you should plant any of the following varieties of sugar corns.

**BARDEN'S WONDER BANTAM.** (82 days.) Nearly as early as Golden Bantam but the ears are longer and heavier, sweet and of fine quality.

**COUNTRY GENTLEMAN.** (93 days.) Kernels set irregularly on a small cob. The Shoe Peg grains are white, very sweet, tender and juicy.

**GOLDEN BANTAM.** (80 days.) The most popular and best known of all the yellow sugar corns and has made a reputation for its earliness and delicious quality. It is used extensively by home gardeners, truckers and canners. Stalks dwarf, 4 1/2 to 5 feet, ears 6 to 7 inches long, uniformly 8-rowed. Kernels broad, tender, sweet and of fine flavor.

**LONG ISLAND BEAUTY.** (100 days.) A great big-eared, 16-rowed sugar corn of finest quality; grains white, sweet, juicy and tender and of the best flavor. Produces two ears, 9 to 10 inches long, to a stalk.

**STOWELL'S EVERGREEN.** (94 days.) Stalk produces 2 good ears which are 9 to 10 inches long, grains long in shape, white, tender and delicious. This is a good standard variety that will always please.

**WHIPPLE'S EARLY YELLOW.** (84 days.) One of the best large-eared, second-early varieties. Stalks 7 feet; ears 8 inches, set with 12 to 14 rows of golden yellow, fairly deep, sweet grains.

**Prices on Any of the Above Varieties of Sugar Corn**  
Postpaid, pkt., 10c; 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 50c; 5 lbs., 95c. Not prepaid, 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 40c; 5 lbs., 75c. Quantity prices on our Green Ink List.

### Hybrid Sugar Corn

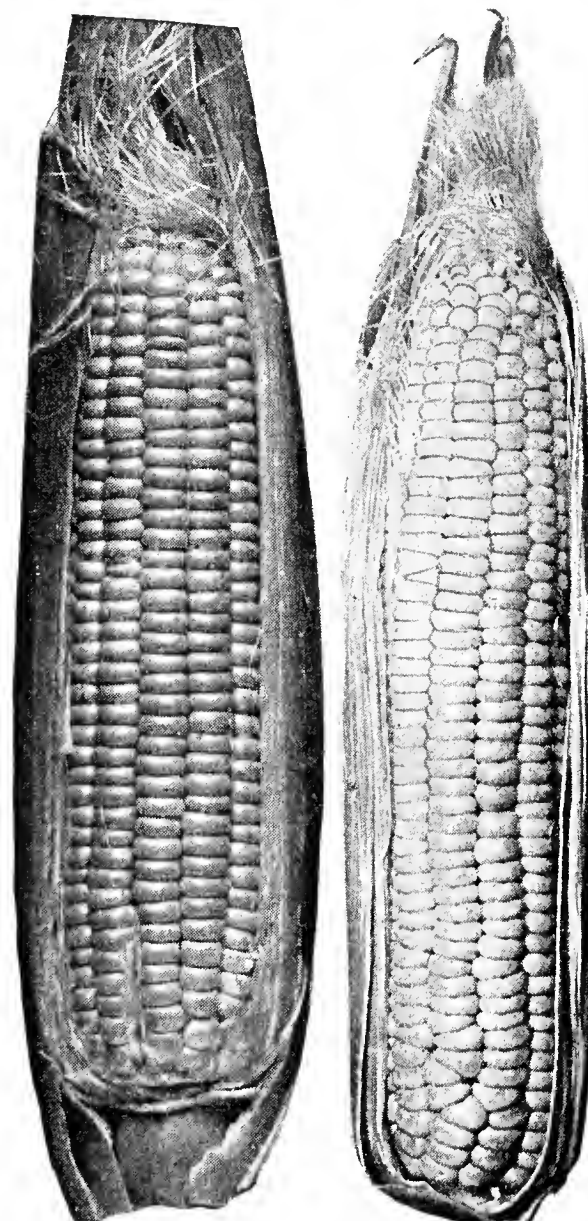
Culture same as sugar corn

**TOP CROSS GOLDEN BANTAM.** (86 days.) A cross between two inbred Bantams developed jointly by the U. S. Department of Agriculture and Purdue Experiment Station. It grows 6 to 7 feet high, sturdy and straight, producing two ears to the stalk. Ears very uniform, 8 inches long and have 10 to 14 rows of light yellow kernels with delicious sweet pulp. About 6 days later than Golden Bantam.

**GOLDEN CROSS HYBRID.** (85 days.) The most outstanding sweet corn hybrid which has been introduced to the trade in many years, increasingly popular in practically every section of the country. Originated by Dr. Glen M. Smith, of the United States Department of Agriculture, stationed at

Purdue University, Lafayette, Indiana. A cross of Purdue Bantam Inbred No. 39 and Inbred No. 51, very resistant to Stewart's disease or wilt. Hardy, prolific, uniform in stalk growth, ear conformation, and maturity. Ear: 8-10 in. long, with 10-14 rows of light golden corn. Stalk: 5-6 ft. Dark foliage and produces two ears to each stalk. Excellent flavor and quality.

**Prices on the Two Varieties of Hybrid Sugar Corn**  
Postpaid, 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 45c; 2 lbs., 70c; 5 lbs., \$1.45. Not prepaid, 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25.



Top Cross Golden Bantam Long Island Beauty

#### Treat Garden and Sugar Corns

with Semesan Jr., it will insure better stands and crops. 2-oz. pkg., treats 1 bushel of seed, 15c; postpaid, 20c. 4-oz. pkg. treats 2 bushels of seed, 30c; postpaid, 35c.

#### POP CORN

Five to seven pounds will plant an acre when drilled. Make rows about 3 1/2 feet apart. Plant in May so the crop will mature about September 15th. Pop corn requires good soil and about the same treatment and methods of cultivation as field corn.

**SOUTH AMERICAN DYNAMITE.** (120 days.) Vigorous, tall growing, produces 2 to 3 ears to a stalk, 6 to 7 inches long, with rich creamy yellow grains that pop large, crisp and tender.

**BABY RICE or JAPANESE HULLESS.** (120 days.) A dwarf variety and heavy yielder. Ears small and well filled with long, slim white grains, makes large fluffy white pop corn. Excellent for home use. Postpaid, 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 35c; 5 lbs., 70c; 10 lbs., 95c. Not prepaid, 1/2 lb., 10c; 1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 75c.

## Carrots

**Culture**—The carrot, whether used raw, fried, boiled or stewed, used alone or combined with other vegetables or meat is not surpassed in nutritious healthfulness by any vegetable. Plant carrot seed from the time the soil can be worked in the spring till July, in 1- or 2-foot rows for hand cultivation or in 30-inch rows where a horse-drawn tool is used. Use one ounce of seed to 100 feet of row, 4 to 5 pounds to the acre, covering one-half inch deep and later thin to a 4-inch stand. Do not overlook the value of this crop as a stock food.

**DANVERS HALF-LONG.** (75 days.) One of the favorite main crop varieties known by all. Very productive and used extensively by market gardeners, shippers and home gardeners. Roots bright deep orange, 6 to 7 inches long, 1 3/4 inches thick, broad shoulders tapering to a blunt point. Flesh bright orange, tender, and very sweet.

**HALF-LONG SCARLET CHANTENAY.** (72 days.) Market gardeners know this to be the perfect carrot and one of the most salable market varieties. An excellent, all-purpose sort. Roots deep orange, smooth, 5 to 6 inches long, 2 1/4 inches thick, broad shoulders gradually tapering and stump-rooted at the lower end. Flesh deep orange with distinct core.

**IMPERATOR.** (75 days.) This new carrot has already become very popular as it combines both attractive appearance with first class quality. The roots are 7 to 8 inches long, tapering gradually toward the tip. Rich orange color with indistinct core.

**IMPROVED LONG ORANGE.** (88 days.) Roots reddish orange, 12 inches long, 2 inches thick, tapering to a point; flesh red-orange. Excellent for table use also used for stock feeding.

**MORSE'S BUNCHING.** (75 days.) An outstanding strain bred for market garden use and for shipping; also splendid home garden variety. The roots are 7 to 8 1/2 inches long, graceful, smooth, and uniformly tapered to a semi-blunt end. Flesh is rich orange-red, extending to center of root, with indistinct core. Finest quality for table use. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 55c; lb., 90c. Not prepaid, 1/4 lb., 30c; 1/2 lb., 50c; lb., 80c.

**Prices on All Varieties of Carrot Seed**  
Except Morse's Bunching  
Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 30c;  
1/2 lb., 45c; lb., 75c; 5 lbs., \$2.95. Not  
prepaid, 1/4 lb., 25c; 1/2 lb., 40c; lb., 65c;  
5 lbs., \$2.75.

## COLLARDS

**Culture**—Sow in spring 1/2 inch deep in 2 1/2-foot rows, thin to 12 inches in the row. Late plantings for fall use should be made in June and July. Cultivate like cabbage; they are very hardy and easy to grow. One ounce will drill 100 feet of row or make 1,000 plants. Use 1 to 2 pounds to sow an acre in drills.

**GEORGIA WHITE CABBAGE.** (80 days.) An improved type, producing compact plants 1 1/2 feet tall with clusters of loose leaves, forming a small head.

**SOUTHERN or GEORGIA.** (80 days.) The regular native blue stem variety, very hardy and tender.

**Collard Prices**  
Prices, postpaid, pkt., 5c; oz., 10c;  
1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c; 5 lbs.,  
\$1.70. Not prepaid, 1/4 lb., 15c; 1/2 lb., 25c;  
1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

## CAULIFLOWER

**Culture**—Sow in beds or boxes in January or February and transplant to the garden in March or April. Cultivate like cabbage. When half grown, tie leaves up to make white heads. One pkt. will produce 200 plants; one ounce will produce 1,000 plants.

**DRY WEATHER.** (65 days, from plants.) Larger than Early Snowball, forms compact, solid heads, dependable in dry weather.

**EARLY SNOWBALL.** (55 days, from plants.) Forms large, solid white heads. Plants dwarf, which allows for close planting.

**Prices Postpaid on Either Variety**  
of Cauliflower  
Pkt., 10c; 1/4 oz., 45c; 1/2 oz., 75c; oz.,  
\$1.25; 1/4 lb., \$3.50; 1/2 lb., \$6.00.

**CAULIFLOWER PLANTS—Early Snowball.**  
Ready March 1st. Postpaid, doz., 25c; 25,  
40c; 100, \$1.10. Not prepaid, doz., 15c; 25,  
25c; 100, 85c.

## Cucumbers

**Culture**—One ounce to 50 hills; 2 to 3 pounds per acre. After danger of frost is past plant in hills 4 by 5 feet apart and thin to 3 plants to a hill. Seed can be planted in boxes or paper pots in a hotbed, but cucumbers do not transplant readily unless a mass of soil adheres to the roots.

**Prices All Cucumber Seed Except A & C**  
Postpaid, pkt. 5c; 1 oz., 15c; 1/4 lb., 35c;  
1/2 lb., 50c; 1 lb., 90c; 5 lbs., \$3.45. Not  
prepaid, 1/4 lb., 30c; 1/2 lb., 45c; 1 lb., 80c;  
5 lbs., \$3.25.

**A & C CUCUMBER.** (60 days.) A recent introduction that has met the approval of shippers and local gardeners. The vines are robust, producing an abundance of fancy fruits of vivid dark green color, which is retained almost to full size. It is a white spine type, 10 inches long, 2 1/2 inches thick, straight and slender, slightly tapered at both ends, very smooth and attractive. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; lb., \$1.05; 5 lbs., \$3.95. Not prepaid, 1/4 lb., 35c; 1/2 lb., 55c; lb., 95c; 5 lbs., \$3.75.



Straight Eight Cucumbers

**CHICAGO PICKLE.** (58 days.) A productive type, very early and uniform in size. Valuable for slicing and pickling. Fruit medium green, black spined, 6 1/2 inches long, 2 1/2 inches thick, square ended.

**DAVIS PERFECT.** (58 days.) The vines are healthy and vigorous, bearing smooth, glossy dark green fruits 9 to 10 inches long, 2 1/2 inches thick and tapered at both ends.

**CLARK'S SPECIAL.** (64 days.) Very dark green fruits, 7 to 9 inches in length.

**EARLY GREEN CLUSTER.** (52 days.) Very prolific, setting its fruits in clusters.

**EARLY WHITE SPINE.** (56 days.) Fruit medium green, smooth, fine for market.

**EVERBEARING.** (52 days.) Kept picked will bear throughout the season; good pickle.

**IMPROVED LONG GREEN.** (62 days.) Excellent for market or home gardens. Fruits 10 to 12 inches long, medium dark green, black spined, very desirable for slicing.

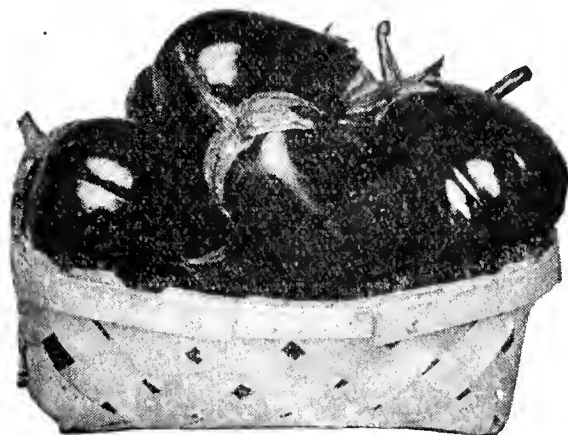
**STAY GREEN.** (52 days.) Average 7 inches; fruits very deep green with white spines.

**STRAIGHT EIGHT.** (58 days.) Very symmetrical, about 8 inches in length and 1 1/2 inches in diameter. The very best cucumber for early market, vines vigorous and productive.



1. Early White Spine  
2. Improved Long Green  
3. Chicago Pickle  
4. Stay Green





Black Beauty Egg Plant

## CARDOON

A perennial belonging to the same family as Globe Artichoke and grown for the fleshy leaf stalks or midribs. Sow in April. Postpaid, pkt., 10c; 1/2 oz., 15c; oz., 25c; 2 ozs., 35c; 1/4 lb., 75c.

## CHICORY

Sow in April and transplant to stand 4 inches apart. Valuable as a salad as well as a vegetable. Use a packet to 20 feet of row.

**MADGEBURG.** (100 days.) Used for roots. Cut in slices and dried makes substitute for coffee. Postpaid, pkt., 10c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 60c.

**WITLOOF.** Also called French Endive. (110 days.) Used for the top. Postpaid, pkt., 10c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 60c.

## CHIVES

Also called Schnittlauch. Small perennial of the onion family. Leaves used in salads and for flavoring soups and stews. Sow in March, transplant in April. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 40c; 2 ozs., 65c.

## CORN SALAD

Also called Lambs' Lettuce. (60 days.) Thrifty, large growing sort with thick leaves of mild flavor. Sow in August. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; 1/4 lb., 40c.

## CRESS

**CURLED or PEPPER GRASS.** (40 days.) Finely curled dark green foliage which is splendid for garnishing and of a pleasant pungent flavor. Sow in spring and thin to 3 inches in a row. Postpaid, pkt., 5c; oz., 15c; 2 ozs., 25c; 1/4 lb., 40c.

## DANDELION

**Culture**—One ounce will sow 100 feet of row. Sow in spring in drills 18 inches apart. Thin to 8 inches in the rows and cultivate well.

**IMPROVED THICK LEAF.** (60 days.) Dark green leaves which are 20 inches across; blanches easily. Postpaid, pkt., 10c; 1/2 oz., 20c; oz., 35c; 2 ozs., 60c.

## DILL

**MAMMOTH.** Used for seasoning. Sow in March, thin plants to 12 inches. Excellent for making dill pickles. Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 70c.

## FINOCCHIO

Also called Florence Fennel. Produces a large bulb at the surface of the ground. Can be eaten raw or served boiled with a cream dressing. Postpaid, pkt., 10c; 1/2 oz., 15c; oz., 25c.

## EGG PLANT

**Culture**—Sow in hotbeds in February or March. When 2 inches high transplant to 3 to 3 1/2-foot rows. One ounce of seed will produce 1,000 plants.

**BLACK BEAUTY.** (120 days.) This is the earliest and best of all large-fruited eggplants. Fruits are thick and of the most attractive form. The skin is a rich lustrous purplish-black.

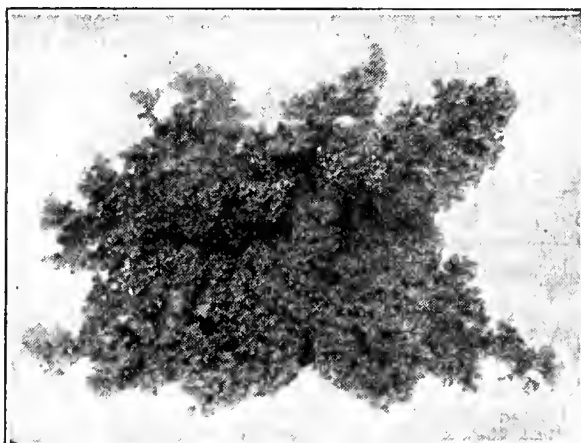
**FLORIDA HIGH BUSH.** (130 days.) Stands heat well; the fruit is round, smooth and very large; color bright purple.

**NEW YORK PURPLE.** (130 days.) The old standard variety. Oval in shape; fruits black-purple and glossy, slightly larger than Black Beauty.

**Prices Any of the Above Varieties of Eggplant**  
Postpaid, pkt., 5c; 1/2 oz., 20c; oz., 35c; 2 ozs., 60c; 1/4 lb., 95c; 1/2 lb., \$1.55; lb., \$2.85. Not prepaid, 1/4 lb., 90c; 1/2 lb., \$1.50; lb., \$2.75.

## EGG PLANT PLANTS

**BLACK BEAUTY, NEW YORK PURPLE.**  
Ready April 15th. Postpaid, doz., 30c; 50, 75c; 100, \$1.20. Not prepaid, doz., 20c; 50, 60c; 100, \$1.00.



Dwarf Green Curled Scotch Kale

## ENDIVE

**Culture**—One ounce will sow 200 feet of drill, thin to 12 to 15 inches. Sow about the middle of April, and for succession in June and July. When nearly full grown they should be blanched by tying the leaves loosely together.

**GREEN CURLED.** (85 days.) Rich green curled leaves. Plants 15 inches in diameter. Blanchers easily.

**BROAD-LEAVED BATAVIAN (Escarolle).** (95 days.) Large, broad leaves, full, compact heads.

**Prices on Either of the Two Varieties of Endive**  
Postpaid, pkt., 5c; oz., 15c; 2 oz., 25c; 1/4 lb., 40c; 1/2 lb., 65c; lb., \$1.05. Not prepaid, 1/4 lb., 35c; 1/2 lb., 60c; lb., 95c.

## GARLIC

Plant in early spring or fall, six inches apart in rows wide enough to work. Postpaid, 1/2 lb., 25c; lb., 35c; 5 lbs., \$1.20. Not prepaid, 1/2 lb., 15c; lb., 25c; 5 lbs., \$1.00.

## GOURDS

Plant in April or May, 6 to 8 feet apart.

**DIPPER  
DISH RAG  
NEST EGG**

**TURKS TURBAN  
SUGAR TROUGH  
MIXED, SMALL VARIETIES**

**Price, any of above varieties of Gourds.**  
Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c.

## HERBS

	Postpaid Prices	Pkt.	Oz.
<b>SWEET BASIL.</b> For flavoring soups.....	\$0.05	\$0.25	
<b>LAVENDER.</b> Used for its odor.....	.10	.50	
<b>SWEET MARJORAM.</b> Used for seasoning .....	.10	.50	
<b>SUMMER SAVORY.</b> Used as a culinary herb .....	.05	.25	
<b>SAGE, Broad Leaf.</b> A popular plant .....	.05	.35	
<b>THYME, English.</b> Much used for seasoning .....	.10	.50	
<b>ROSEMARY.</b> Used for flavoring and medicinal purposes .....	.10	.50	

## HORSERADISH ROOTS

Large, strong cuttings. Postpaid, doz., 40c; 50 for \$1.40; 100 for \$2.25. Not prepaid, doz., 35c; 50 for \$1.25; 100 for \$2.00.

## KALE

**Culture**—Sow from 2 to 3 pounds broadcast to the acre, one ounce to 100 feet of drill. Sow in March or September.

**DWARF GREEN CURLED SIBERIAN.** (60 days.) A hardy, vigorous, spreading variety of dwarf habit, 12 to 16 inches tall. Leaves large and heavy in texture, plain at center with edges curled. Color deep bluish green.

**DWARF GREEN CURLED SCOTCH.** (55 days.) The plant reaches a height of 15 inches with a 30-inch spread. Compact leaves, deep yellowish green, large and finely curled, plume-like.

**TALL GREEN CURLED SCOTCH.** (60 days.) A strain 3 feet tall and producing an abundance of light green, densely curled leaves. Very hardy and tender after exposure to frost.

**Prices of the Above Varieties of Kale**  
Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 20c; 1/2 lb., 30c; lb., 55c; 5 lbs., \$2.20; 10 lbs., \$3.80. Not prepaid, 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50.

## LEEK

**Culture**—Sow early in the spring one-half inch deep in rows 12 to 24 inches apart and thin to 4 to 6 inches in the row. Cultivate and draw the earth to them as they grow.

**LONDON FLAG.** (85 days.) Stems 10 inches long, 1 1/2 inches thick; leaves large, broad and dark green. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 50c; 1/2 lb., 80c; lb., \$1.35. Not prepaid, 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.25.

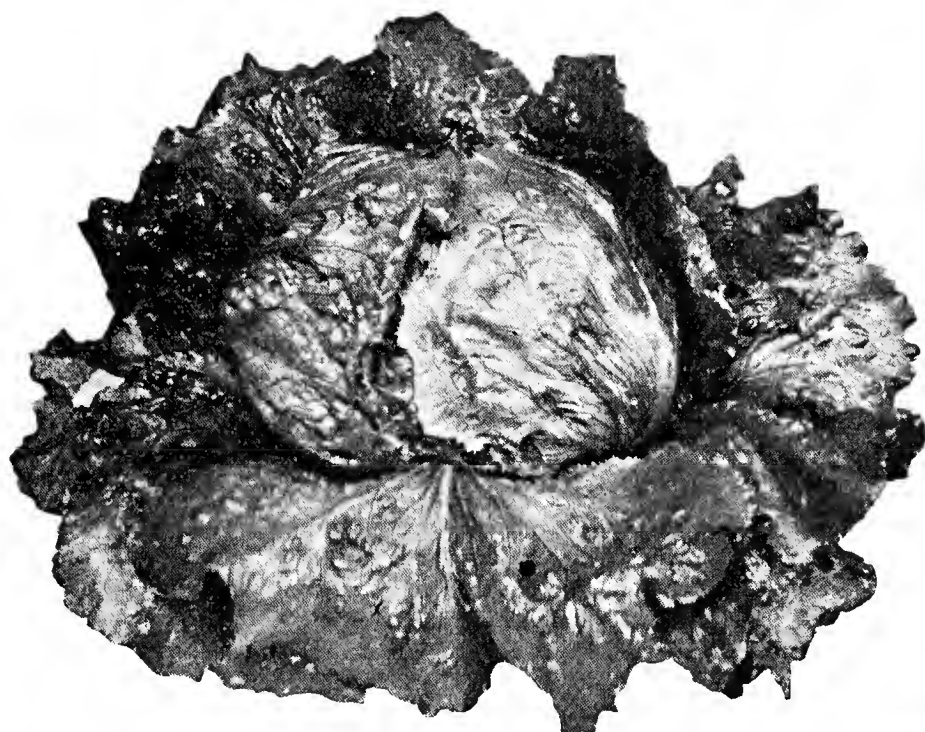
## KOHLRABI

**Culture**—Plant in 2 to 3-ft. rows as early as the ground can be worked in the spring, thinning out to stand 5 to 6 inches apart in the row. One ounce plants 300 feet.

**WHITE VIENNA.** (60 days.) An extra early variety making bulbs 2 to 2 1/2 inches across. Sweet and tender. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 50c; 1/2 lb., 80c; lb., \$1.35. Not prepaid, 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.25.



Early Vienna Kohlrabi



New York Wonderful Lettuce

## Lettuce

**Culture**—One ounce will sow 100 feet of drill; 2 to 3 pounds will sow one acre in drills. Sow the seed in hotbeds in February or March, transplant into a sheltering border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow seed thickly in rows or broadcast.

**Prices on Lettuce Seed Except New York Wonderful**  
Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 55c; 1 lb., 85c; 5 lbs., \$3.20. Not prepaid, 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 75c; 5 lbs., \$3.00.

**NEW YORK WONDERFUL.** (75 days.) Also known as Los Angeles. This is the crisp heading variety grown in immense quantities on the Pacific Coast and shipped to eastern markets as Iceberg. The plants are large, 12 to 15 inches across with dark green leaves only slightly curled on the edges. Heads are solid, well blanched, sweet and tender. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; 1 lb., \$1.00; 5 lbs., \$3.95. Not prepaid, 1/4 lb., 35c; 1/2 lb., 55c; 1 lb., 90c; 5 lbs., \$3.75.

**PRIZEHEAD.** (45 days.) Very popular, large, loose-heading sort. Leaves finely crumpled and fringed, outer ones shaded brown; very crisp, sweet and tender.

**BIG BOSTON.** (75 days.) Early and hardy. Big Boston grows to an enormous size, well grown heads measuring from 10 to 12 inches across. Grows well during hot weather, but during the cool weather it heads particularly well, forming a tightly folded heart which consists of beautifully blanched, tender and juicy leaves.

**BLACK-SEEDED SIMPSON.** (45 days.) Very tender and of excellent flavor. Forms a large loose head of broad, crumpled, light green leaves.

**CHICKEN LETTUCE.** (40 days.) Your poultry needs "green" food and this variety of lettuce is just the thing you want to grow for this purpose. It is a genuine lettuce which will yield as much or more chicken or rabbit feed than any plant you may have used for "greens." When once cut it starts to grow again and makes a successive crop.

**COS or ROMAINE.** (68 days.) Loaf-shaped, upright green leaves; excellent, crisp and tender.

**EARLY CURLED SIMPSON.** (45 days.) Early, hardy and dependable. This is one of the best of the loose-leaf sorts. Crisp, tender, of excellent quality.

**IMPROVED HANSON.** (65 days.) Hardy and sure heading, compact and tender, leaves broad, curly with fringed edges.

**MIGNONETTE.** (67 days.) Very early, small, compact solid heads with well blanched, white heart, good quality.

**ICEBERG.** (82 days.) A crisp heading, late variety for home garden or market gardeners serving local markets. True Iceberg is large with wavy, fringed, light green leaves tinged with brown at the edges. Heads compact, crumpled, white inside, crisp and sweet.

## LETTUCE PLANTS

**BIG BOSTON, NEW YORK WONDERFUL.** Ready March 1st. Postpaid, 50, 30c; 100, 50c; 500, \$1.50; 1,000, \$2.75. Not prepaid, 50, 20c; 100, 35c; 500, \$1.25; 1,000, \$2.25.



Cos or Romaine Lettuce

## Mustard

**Culture**—Sow seed in any good garden soil early in the spring, in rows 2 to 3 feet apart and when well up thin out the plants so as to stand 3 to 4 inches apart. By making several sowings a week or so apart, the fresh tender leaves may be had throughout the season. Sow also in August and September for fall crops, 2 to 3 pounds will plant an acre.

**ELEPHANT EAR (Smooth Leaf).** (40 days.) This is an excellent variety for market and home gardeners. The leaves are smooth, very large, tender and succulent. Grows upright and makes a large plant.

**FLORIDA BROAD LEAF (Smooth Leaf).** (40 days.) Produces large, light green, broad smooth leaves well above the ground. Plants grow quickly; upright when young, and spread out with age. More easily prepared for the table than the curled sorts.

**CHINESE MAMMOTH (Smooth Leaf).** (40 days.) Good quality for salads or boiling and remains for use a long time. The quick, almost rank growth insures tenderness, mildness and freedom from bitter flavor.

**SOUTHERN GIANT CURLED (Curly-leaf).** (30 days.) Produces large leaves; makes very fine greens; flavor is all that can be desired. Sow in February for early spring use.

**SOUTHERN GIANT CURLED LONG STANDING (Curly-leaf.)** (30 days.) 1933 All-American selection. A fine strain, stands a long time before bolting to seed. Leaves beautifully curled, frilled and crumpled, large light green.

**Prices on any of the Above Varieties of Mustard**  
Postpaid, Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c. Not prepaid, 1/2 lb., 25c; 1 lb., 40c. For quantity prices on Mustard see Green Ink List.

## TENDERGREEN or MUSTARD SPINACH

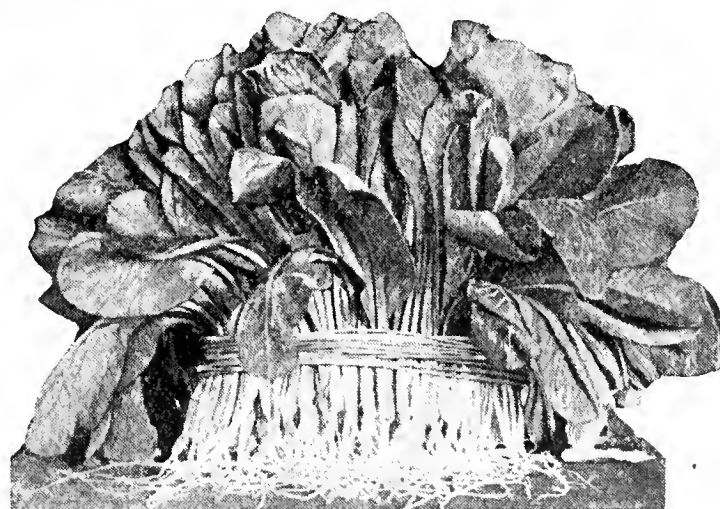
A new vegetable combining the delicious flavors and healthful qualities of spinach, mustard and turnip greens. It contains an abundance of protein, mineral matter, lime, and iron. The tap-root is small and not edible. The succulent leaves are large and oblong-shaped, a rather dark green color with a small center rib, and are prepared for table like other greens. Flourishes in hot weather and is resistant to drought and extreme cold. Plant any time during the year. Ready for table in 25 days.

**Prices on Tendergreen or Mustard Spinach**  
Postpaid, Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c. Not prepaid, 1/2 lb., 25c; 1 lb., 40c.

## FREE With Orders

### 1940 CALENDAR AND ALMANAC

Useful in many ways. Gives weather predictions for the next 12 months, with other information. With first order only, until March 31st, we will mail you a copy of our 1940 Almanac Calendar.



Tendergreen or Mustard Spinach

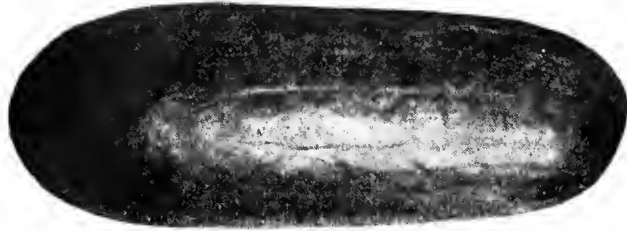
## SPECIAL OFFER

1 Oz. Cos or Romaine Lettuce 1 Oz. Elephant Ear Mustard  
1 Oz. New York Lettuce 1 Oz. Tendergreen

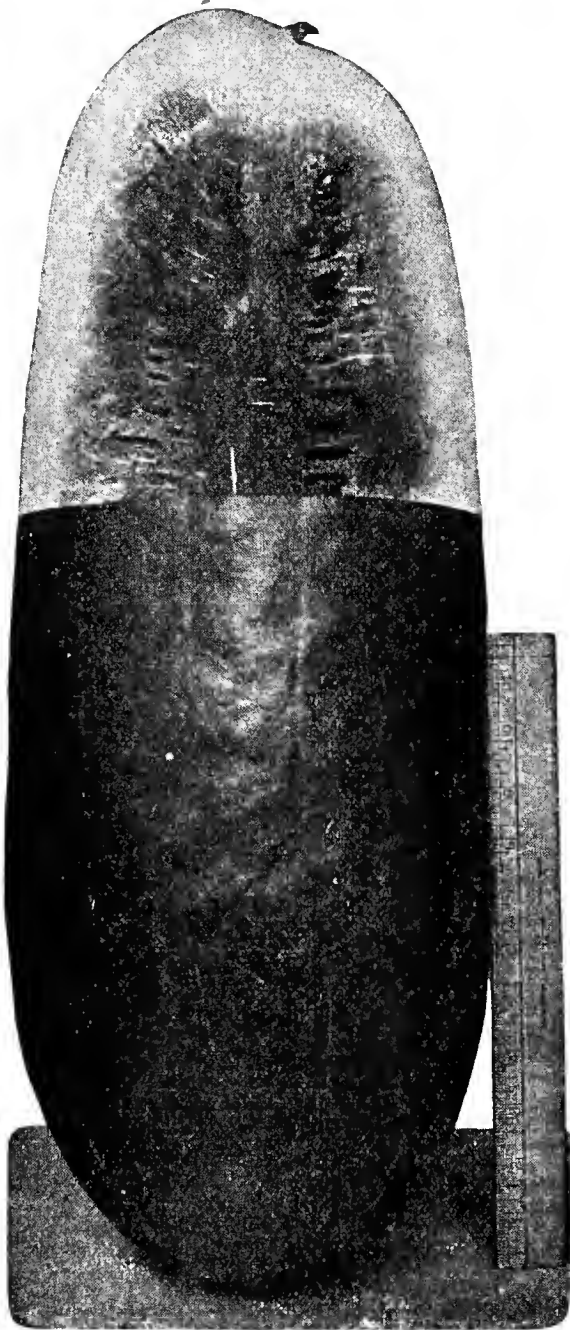
Postpaid for only 30c



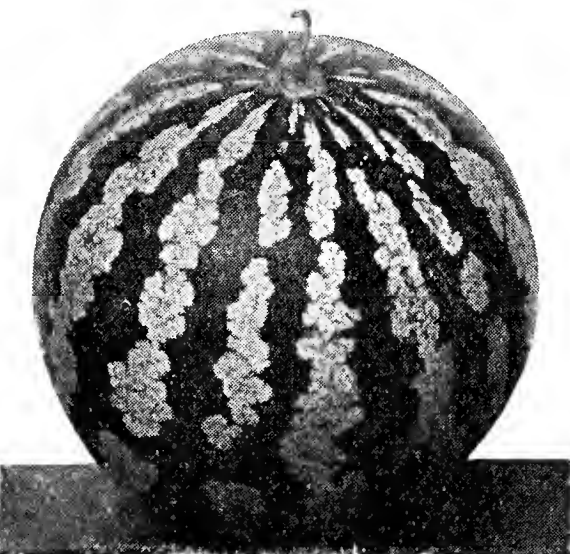
## Watermelons



Halbert Honey



Tom Watson (Cut Red Strain)



Red Seeded Citron

**Culture**—Prepare hills 8 or 10 feet apart each way by working in thoroughly rotted manure or poultry droppings—rich ground gives the plants a good start before insects attack them. When the ground is warm plant 6 or 8 seeds to the hill, covering an inch deep and, when well up, thin out, leaving three strong plants to each hill. Do not grow near pumpkins and gourds. They are often planted between the rows in a cornfield. In growing they require plenty of water. Avoid lifting the vines and use only hand tools in cultivating. One ounce will plant 30 hills; 2 to 3 pounds will plant an acre. Spray young plants with Pyrox for insects and diseases. For early plantings use Hotkaps. This method means two weeks ahead on the market.

### PRICES ON ALL WATERMELON SEED EXCEPT WHERE PRICED OTHERWISE

Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 40c; lb., 70c. Not prepaid, ¼ lb., 25c; ½ lb., 35c; lb., 60c.

**HALBERT HONEY.** (82 days.) Often called the sweetest of all melons. Entirely devoid of fibrous substances, the sweet flesh melts away in the mouth like so much honey, even after the largest bite of the "heart." This is surely a sweet melon, and its delicious crimson red flesh extends nearly to the skin, the rind being very thin and brittle. The melon is long in shape, and the dark green skin makes it very attractive. It is quite early and the hardy vines are remarkably prolific. The rind is not tough or thick enough for long distance shipping, but this is a prime favorite for local markets and home use.

**TOM WATSON.** (90 days.) Genuine cut red strain. The Watson has rightly been the most largely planted melon for shipping purposes in the South. It is a splendid shipper, excellent for nearby markets and fine for home use. In other words it is the best combination or general purpose melon ever introduced. In eating quality it is good. Its tough, medium thick elastic rind makes it a splendid one for long distance shipping or trucking over rough roads. Oblong in shape averaging about 10 to 20 inches. Its dark green color and generally handsome appearance make it an easy seller at top market prices.

**IRISH GRAY.** (90 days.) In sweetness it is like Kleckley's Sweets; in shipping quality, uniformity in shape, size and in productiveness it compares with Tom Watson. The thin rind is so tough it will not burst from rough treatment in transit; its keeping quality will appeal to shippers who have experienced losses on account of glutted markets. The color is a distinct mottled greenish-gray; the flesh is red, sweet, crisp and free from stringiness. Although a grand shipper, it is equally fine for the home garden.

**DIXIE QUEEN.** (90 days.) Fruits oblong or nearly round, fair size, averaging 25 pounds or more, light green, striped and blotched with dark green; rind thin but tough. Flesh rich scarlet, crisp and extremely sweet with very few seeds. Seeds white and small. Dixie Queen has now become one of the most popular and desirable varieties either for home use, market or trucking. It stands the drought better than most other sorts. In normal seasons grows large enough, a nice average size that the trade wants. Dixie Queen Melon is sometimes called the white-seeded Cuban Queen. Do not confuse it with old black-seeded Cuban Queen, which is an entirely different melon. Our stock of Dixie Queen is genuine and from the very best growers. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.00. Not prepaid, ¼ lb., 30c; ½ lb., 50c; lb., 90c.

**R.-H. CO.'S WINONA.** (90 days.) This celebrated southern grown watermelon is in a class by itself. The fruits are very long with dark green rind, flesh crimson-red, crisp and sweet. The average weight of Winona Melon is about 35 pounds. Our seed is genuine, raised for us in the South and saved from uniform specimens. Seed shiny black, a very distinct and splendid variety either for home or market use. Vine vigorous and healthy. Winona is especially adapted to our climate and soil. We strongly recommend it to our customers. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.00. Not prepaid, ¼ lb., 30c; ½ lb., 50c; lb., 90c.

**SCHLOCHLER.** (90 days.) One of the largest melons. They will average 45 pounds each. The dark green fruit is oblong in shape with an indistinct stripe. Flesh bright red, the rind for such a large melon is relatively thin, and the first taste will convince you of its rich, sugary flavor. Vines are vigorous and exceedingly prolific and will withstand a great deal of drought. As a shipping melon it is outstanding; its size, its tough rind and its quality entitle it to preference. You will also like it in your home garden. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.00. Not prepaid, ¼ lb., 30c; ½ lb., 50c; lb., 90c.

**GOLDEN HONEY.** (90 days.) A golden flesh melon, glistening amber shade of yellow, very tender and delicious flavor, long oval shape, rind dark green, entirely free from hard centers or stringy sections. Seeds white with occasional brownish smears. Maximum weight about 35 pounds. A good shipper.

### CITRON

**RED SEEDED.** (95 days.) Citrons are not edible as fresh fruit and are used only for preserving. The flesh is white, hard, and the vines are enormously productive. The seeds of this variety are a smooth shiny red. The outside color is light green, with heavy dark green stripes. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 45c; lb., 75c. Not prepaid, ¼ lb., 25c; ½ lb., 40c; lb., 65c.

## Watermelons

**FLORIDA GIANT.** (85 days.) Also called Cannon Ball and Clara Lee. The vines are of a very vigorous growth and heavy producers, the melons are nearly round in form, the skin is solid dark green, the flesh is red and firm, splendid quality, and a good shipper. Grows large, even size melons and if given special attention specimens have grown to weigh 100 pounds. Seeds black, and has been called by some growers, black seeded Stone Mountain. **Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.00. Not prepaid, 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c.**

**EARLY KANSAS.** (80 days.) Largest of all early melons, ten days or more earlier to ripen than Watson. The early Kansas has finest texture, sweet flavor and melting, bright red meat, solid to the rind, nearly round in form, light green with broad bands of wavy stripes, growing 30 to 60 pound melons, with some specimens up to 80 pounds. Under normal conditions 800 to 1,000 melons per acre weighing 30 pounds each is not surprising. No white or stringy hearts. Seeds red but dry to buff color and very few seeds.

**LEESBURG WILT RESISTANT.** (85 days.) It is not only resistant to fusarium wilt disease, which permits of its being grown on the same lands year after year, also where melons were grown the year before or in recent years, but it also possesses the fine qualities for commercial shipping as well as a home garden melon. The rind is of a dark glossy green, thin, hard and tough. The fruit is oblong and range in size from 25 to 35 pounds, flesh deep pink red and no trace of white hearts, even in the smallest sizes. The seeds are white. **Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.00. Not prepaid, 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c.**

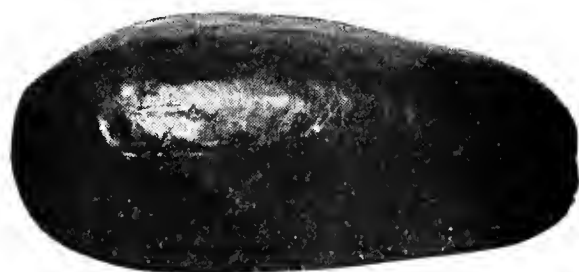
**KLECKLEY'S SWEETS.** (85 days.) This improved strain of Kleckley's Sweets produces uniformly large, dark green melons of the finest quality and of handsome appearance.

It is a splendid table melon with a heavy, tough rind which makes it a good shipper to distant markets. The seeds are all creamy white. The flesh is bright scarlet, very firm, and of superb flavor. The outside skin is of a rich dark green color, shaded with faint stripes of a lighter shade. The sweetest and juiciest of all the melons, and so solid that a hollow or pithy center is seldom found. Altogether, it is a melon without an equal. About 20 inches long.

**GEORGIA RATTLESNAKE.** (90 days.) An excellent shipping melon popular in the South for its size, productiveness and eating qualities. Fruits very long, fairly large, 25 to 30 pounds, light green, irregularly mottled with dark green stripes. Its striking appearance has helped its popularity. A ready seller, for, once seen, it is always remembered. Rind very tough. Flesh bright scarlet, crisp and sweet. Seeds dull white with black tips.

**STONE MOUNTAIN.** (85 days.) The fruit is almost round or square-shaped with rich, dark green, medium thick rind, and dazzling scarlet flesh of luscious sweetness. It has few seeds, is firm and solid, almost all heart, and truly an unsurpassed table delicacy. The rind is sufficiently tough to stand considerable handling, making it an excellent shipper. It is very prolific, withstands drought, and will produce a fine crop of good melons when other varieties fail. It is the best round type watermelon for home garden or market.

**NEW WONDER.** (85 days.) It possesses a flavor that is not approached by any other variety. Its rind is thin but tough, and it will stand safe shipment for reasonable distances. Its flesh is a rich red and full of flavor right up to the rind, without any hollow. The seeds are large and white, and relatively few to the melon. It is large and long. The color is dark solid green, most attractive.



Kleckley's Sweets



Georgia Rattlesnake

### R.-H. CO.'S WATERMELON COLLECTION

2 oz. Stone Mountain  
2 oz. Georgia Rattlesnake

2 oz. Tom Watson  
2 oz. Kleckley's Sweet

Sent Postpaid for Only 45c



**HOTKAPS**  
PROTECTS PLANTS  
FROM FROST,  
WIND, RAIN,  
AND  
INSECTS

#### POSTPAID PRICES

WITH CARD BOARD  
SETTER, 25 HOTKAPS, 60c

WITH GARDEN SETTER  
AND TAMPER  
100 HOTKAPS, \$2.95

FOR QUANTITY PRICES  
SEE PAGE 22



Stone Mountain

#### FEED WATERMELONS WITH VIGORO



I have been growing watermelons for 15 years and have used various kinds of fertilizer, but this year decided to use Vigoro and have been so well pleased, I never expect to use any other kind.  
I got my melons on market two weeks earlier this year.

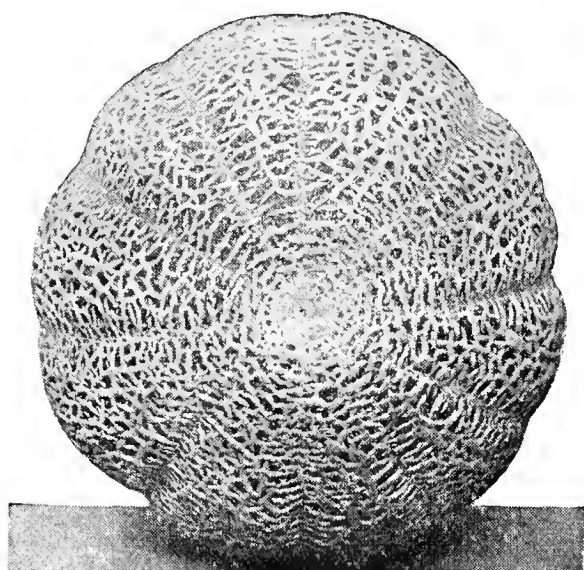
(Signed) H. H. Hill  
Rector, Ark.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED  
[ 33 ]



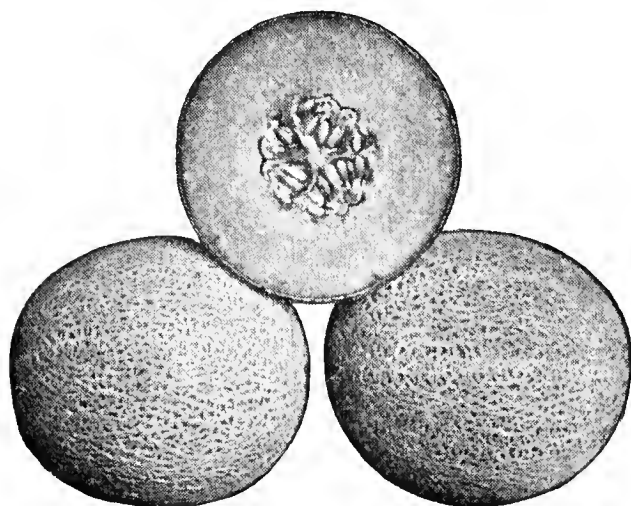
## Cantaloupes or Muskmelons

**Culture**—One ounce will plant 50 hills; 2 or 3 pounds in hills per acre. Melons thrive best in rich, light soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch as it strengthens the growth of the vines and makes the fruit mature earlier. Give plenty of water and feed liquid manure occasionally. Early plantings can be made with the use of Hotkaps. See page 22 for prices and information about Hotkaps.



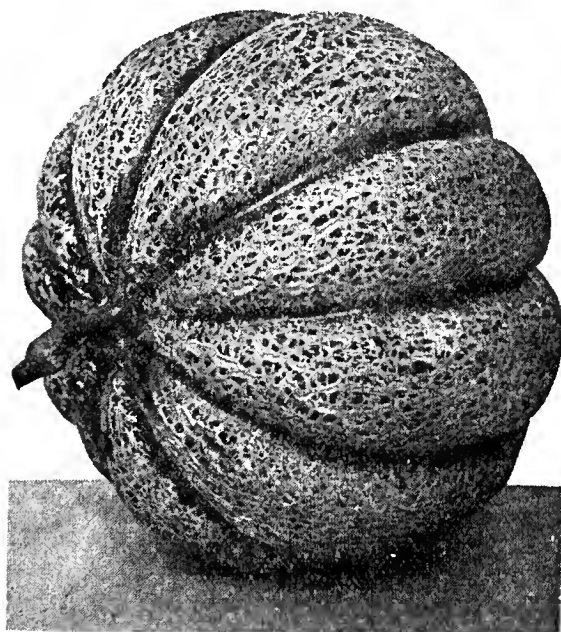
Mammoth Rocky Ford Cantaloupe

TREAT CANTALOUPE SEEDS WITH  
**SEMESAN**  
TO PREVENT SEED-BORNE DISEASES



California Beauty Cantaloupes

DUST CANTALOUPE VINES WITH  
**SLUG SHOT**  
TO CONTROL CERTAIN INSECTS



Large Hackensack Muskmelon

FERTILIZE CANTALOUPE VINES WITH  
**VIGORO**  
THE COMPLETE PLANT FOOD

### PRICES ON ALL CANTALOUPE SEED

Except where priced otherwise

Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 50c; lb., 85c; 5 lbs., \$3.20. Not prepaid, 1/4 lb., 30c; 1/2 lb., 45c; lb., 75c; 5 lbs., \$3.00

**BANANA.** (94 days.) An extremely long melon, tapering at both ends and usually curved at the stem end. It has lemon colored skin at maturity and grown under proper conditions is really delicious. Vigorous and hardy. Excellent for home use. Approximate weight 7 1/2 pounds.

**CALIFORNIA BEAUTY.** (84 days.) Its distinctive characteristics are its appealing thick orange flesh, which is solid, fine grained, juicy, deliciously sweet and of a spicy flavor. Melons nearly round and covered with a hard grey netting. Has a very small seed cavity. It is very prolific and a money maker on our Memphis market. Approximate weight 3 pounds. Seed supply limited. Postpaid, pkt., 5c; oz., 20c; 1/4 lb., 55c; 1/2 lb., \$1.00; lb., \$1.50; 5 lbs., \$6.20. Not prepaid, 1/4 lb., 50c; 1/2 lb., 90c; lb., \$1.40; 5 lbs., \$6.00.

**HEARTS OF GOLD.** (95 days.) A golden fleshed variety. Fruit of medium and very uniform size. Netting exceptionally fine and dense, extending practically over the entire surface. Flesh thick, firm, highly colored, of fine texture and delicious flavor. Desirable for shipping as well as general purposes. Approximate weight 3 pounds.

**HALE'S BEST.** (Original Jumbo.) (85 days.) Oval in shape, heavily netted with wide stripes. The flesh is thick pink meat of excellent flavor and good color. Not designed for packing, as it is too large, but is most popular for roadside market and trucking. Approximate weight 4 1/2 pounds.

**HALE'S BEST MILDEW RESISTANT NO. 45.** (86 days.) A shipping variety scientifically designed for that particular trade. The shape is oval, the size is medium with heavy net and a faint stripe which insures earliness. The inside is most attractive, with thick deep colored pink flesh and very small seed cavity. Approximate weight 4 pounds.

**LARGE HACKENSACK MUSKMELON.** (94 days.) A very large, green fleshed muskmelon, quite flat in shape with prominent ribs and heavy netting. The flesh is remarkably thick, sweet and spicy. While a little late in maturing this melon is widely used and is both distinctive and valuable. Approximate weight 8 1/2 pounds. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.00; 5 lbs., \$4.20. Not prepaid, 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c; 5 lbs., \$4.00.

**ORNAMENTAL POMEGRANATE or QUEEN ANNE'S POCKET MELON.** (85 days.) A novelty. It is not of much edible value but is highly scented. The fragrance is very pleasant and it is useful to store among cantaloupes to which it imparts its fragrance. The color is orange with stripes and mottlings of white. Postpaid, pkt., 10c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 45c.

**HONEY DEW.** (110 days.) A delicious green meated variety. The outside color is white with some net, ripening to a light cream color. The rind is smooth and hard, suitable for long distance shipping, and with excellent keeping qualities. Requires a long growing season. Approximate weight 6 1/2 pounds.

**HONEY ROCK or SUGAR ROCK.** (85 days.) This popular melon received All-America distinction for 1933. It has maintained a place among the leaders ever since its introduction and is one of the best of the pink fleshed sorts. The rind is tough and hard, covered with a distinctive, rope-like netting. The flesh is of a deep salmon color, fairly thick and very sweet. It is not adapted for shipping any great distances. Approximate weight 3 pounds.

**MAMMOTH ROCKY FORD.** (87 days.) The melons are larger in size and not quite as heavily netted as the regular Rocky Ford. The shape is nearly round, and very uniform in size. The flesh is thick and firm which permits its being shipped long distances. The vines are rust resistant, producing enormous crops. Approximate weight 3 3/4 pounds.

**PINK MEAT ROCKY FORD.** (95 days.) It is identical to Rocky Ford except the flesh is salmon tinted instead of green. The fruits are very uniform, heavily netted with no trace of ribs, and the vines are rust resistant. Excellent for long distance shipping and home market use. Approximate weight 2 1/2 pounds.

**ROCKY FORD.** (95 days.) The Rocky Ford continues to be a leader among melons of its class. It has enjoyed wide use for many years and is well known everywhere that melons are produced. It is popular chiefly because of its extraordinary flavor. The spicy flavor of the green fleshed Rocky Ford melon is difficult to improve upon. Approximate weight 2 1/2 pounds.

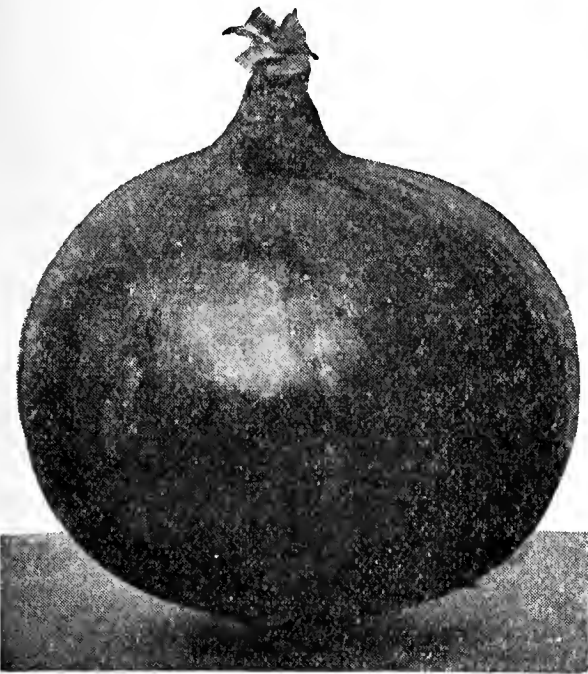
**SUPERFECTO.** (92 days.) One of the best cantaloupes for the late shipping market. The size is uniform with but a slight trace of stripe and solid net. The fine grained orange flesh is very thick and this melon has about the smallest seed cavity of any variety. Late in maturity as compared to many of the other shipping kinds but its attractive appearance and excellent flavor are among the best. Approximate weight 3 pounds.

**VINE PEACH or MANGO MELON.** (90 days.) The fruits are very small and enormously productive. Used for preserving and also the young fruits are used for pickling when small and green. The color is light orange with flecks or stripes of brown and the seeds are very small. Postpaid, pkt., 10c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 45c.

### R.H. CO.'S CANTALOUPE COLLECTION

1 oz. Hearts of Gold      1 oz. Rocky Ford  
1 oz. Honey Rock      1 oz. Superfecto

Postpaid for only 40c.



Red Wethersfield Onion

## OKRA

**Culture**—One ounce will plant 100 hills. Sow about the first of May, in drills 3 to 4 feet apart, and thin out the plants to 12 to 18 inches apart. Soak seed in water 12 hours—they germinate easier.

**WHITE LIGHTNING SPINELESS.** (50 days.) (4 ft.) An extra early smooth white-podded Okra bearing 7 to 10 days ahead of White Velvet. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 60c.

**CLEMSON GREEN SPINELESS.** (55 days.) (5 ft.) A uniform, dark green, spineless strain of long pod okra. Easily picked without discomfort. Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 60c.

**DWARF GREEN PROLIFIC.** (50 days.) (2 ft.) A dwarf, compact plant. Pods long, deep green, slightly corrugated; fine quality. Very early and productive.

**TALL LONG GREEN.** (60 days.) (4 ft.) Pods deep green, very long, slender and slightly corrugated. A desirable variety, being very productive.

**WHITE VELVET.** (60 days.) (4 ft.) Very productive of round, smooth, white pods of fine quality.

Prices on all varieties of Okra except where priced otherwise. Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 20c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$1.45. Not prepaid, 1/4 lb., 15c; 1/2 lb., 20c; lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.00.

## PUMPKINS

**Culture**—Two to three pounds per acre alone, or one pound sown with corn. Plant when the ground has become warm, in hills 8 to 10 feet apart each way. Plant one inch deep. Thin to two plants to a hill. Cultivate thoroughly until the vines cover the ground.

**KENTUCKY YELLOW FIELD.** (98 days.) A fine pumpkin, nearly 2 feet in diameter. Flesh dull orange color, extra thick. Heavy yielder and excellent keeper. Largely used for canning and stock feeding. Postpaid, oz., 10c; 1/4 lb., 15c; 1/2 lb., 25c; lb., 45c. Not prepaid, 1/4 lb., 20c; lb., 35c. For quantity prices see Green Ink List.

Prices on All Pumpkin Seed, Except Where Priced Otherwise  
Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 30c; 1/2 lb., 45c; lb., 75c; 5 lbs., \$2.95. Not prepaid, 1/4 lb., 25c; 1/2 lb., 40c; lb., 65c; 5 lbs., \$2.75.

## PARSLEY

**Culture**—Sow in March and April, also in September in rows 18 to 24 inches apart and one-half inch in depth, cover lightly. One ounce will sow 100 feet of drill. Five to six pounds to an acre.

**PARAMOUNT.** (70 days.) 1936 All-America, triple curled. Newest and best. Postpaid, pkt., 10c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 50c; lb., 75c.

**PLAIN or SINGLE.** (60 days.) Highly aromatic, plain leaves.

**DOUBLE CURLED.** (70 days.) Compact, dark green, curled leaves.

Prices on Double Curled and Plain Parsley

Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.20. Not prepaid, 1/4 lb., 20c; 1/2 lb., 30c; lb., 50c; 5 lbs., \$2.00.

## Onion Seed

**Culture**—Onions require a fertile soil, well pulverized and drained. Sow in March and April in rows 24 to 30 inches apart, covering the seed one-half inch deep. When the plants are 3 or 4 inches high, thin them out where too thick in the row. Cultivate thoroughly. One ounce will sow 100 feet of row; 3 to 4 pounds per acre. Onions mature when grown from seed in 120 to 130 days.

**AUSTRALIAN BROWN.** Skin thick, chestnut-brown, nearly globe-shaped; good keeper.

**PRIZETAKER.** Bulbs large, globular, skin thin, glossy yellow, crisp and sweet.

**RED WETHERSFIELD.** Bulbs flat and deep, skin purplish red; popular.

**SWEET SPANISH RIVERSIDE.** Very mild in flavor; deep amber-yellow skin; globe-shaped.

**WHITE SWEET SPANISH.** Globe-shaped, pure white and of mild flavor.

**WHITE SILVERSKIN.** The standard white variety; medium size, firm and hard; a good keeper.

**YELLOW GLOBE DANVERS.** Large, globe-shaped, pure yellow, solid and firm. A good keeper.

**WHITE WAX BERMUDA.** Clear white bulb, very mild.

**YELLOW BERMUDA.** Straw color, mild and sweet.

Prices on Bermuda Onions: Postpaid, pkt., 5c; oz., 20c; 1/4 lb., 65c; 1/2 lb., \$1.05; lb., \$1.85. Not prepaid, 1/4 lb., 60c; 1/2 lb., \$1.00; lb., \$1.75.

Prices on the Above Varieties of Onion Seed Except Bermuda  
Postpaid, pkt., 5c; oz., 15c; 1/4 lb., 50c; 1/2 lb., 80c; lb., \$1.45. Not prepaid, 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.35.



Dwarf Green Okra

**JAPANESE PIE.** (110 days.) Skin dark green with lighter stripes; flesh deep yellow, of good quality.

**KING OF THE MAMMOTH.** (115 days.) The largest of all pumpkins. Fruits weigh 40 to 80 pounds. Skin light yellow, mottled with orange; slightly ribbed; flesh solid, yellow to orange.

**STRIPED CUSHAW.** (115 days.) A crook-necked variety popular in the South. Fruits weigh 10 to 12 pounds, skin creamy white, mottled with irregular green stripes. Flesh light yellow.

**TENNESSEE SWEET POTATO.** (110 days.) Bell-shaped fruits, 12 to 15 pounds. Skin creamy white with light green stripes. Flesh cream, fine grained, thick, sweet and delicious for pies.

**SMALL SUGAR.** (115 days.) Small, round, flat-ended. Very prolific. Deep orange-yellow flesh, fine grained and sweet. One of the best for pies.

## ONION SETS

**Culture**—Set 3 to 4 inches apart, in March and April. Have rows 24 to 30 inches apart. Give them clean cultivation and plenty of fertilizer. Our sets are quality stock.

	Postpaid	
	Qt.	Gal.
RED WETHERSFIELD .....	\$0.25	\$0.55
YELLOW DANVERS .....	.25	.55
WHITE SILVERSKIN .....	.25	.65

	Not Prepaid	
	Qt.	Gal.
RED WETHERSFIELD .....	\$0.15	\$0.40
YELLOW DANVERS .....	.15	.40
WHITE SILVERSKIN .....	.15	.50

Peck and bushel prices quoted on our Special Green Ink List.

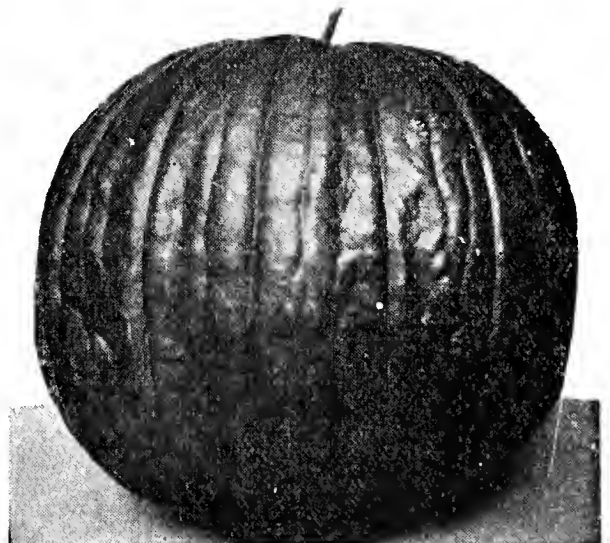
## BERMUDA ONION PLANTS

**Culture**—Set in 24 to 30-inch rows, 3 to 4 inches apart, in February and March. We will send you fresh clean plants.

**CRYSTAL WHITE WAX.**

**YELLOW STRAW COLORED.**

Price, either variety: Postpaid, 200, 30c; 500, 60c; 1,000, \$1.00. Not prepaid, 200, 20c; 500, 40c; 1,000, 75c. Larger quantities quoted on our Green Ink List.



Kentucky Yellow Field Pumpkin

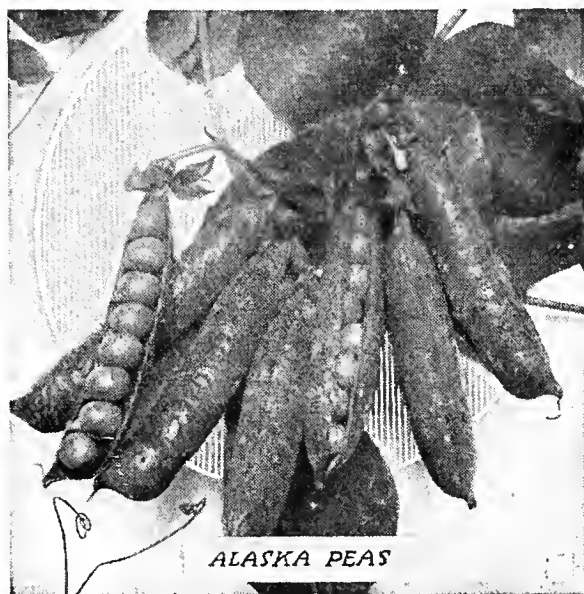
## PARSNIP

**Culture**—Sow seed in early spring, one inch deep, in rows 18 to 24 inches apart and when 3 inches high thin to 4 to 6 inches apart in the row. One ounce of seed for 100 feet of row; 5 to 6 pounds of seed required for an acre.

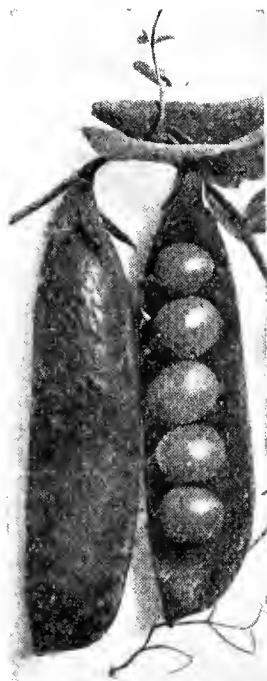
**SUGAR or HOLLOW CROWN.** (110 days.) Smooth roots, 12 inches long, 3 inches thick at shoulder; tapered. Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 60c; 5 lbs., \$2.45. Not prepaid, 1/4 lb., 20c; 1/2 lb., 35c; lb., 50c; 5 lbs., \$2.25.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED





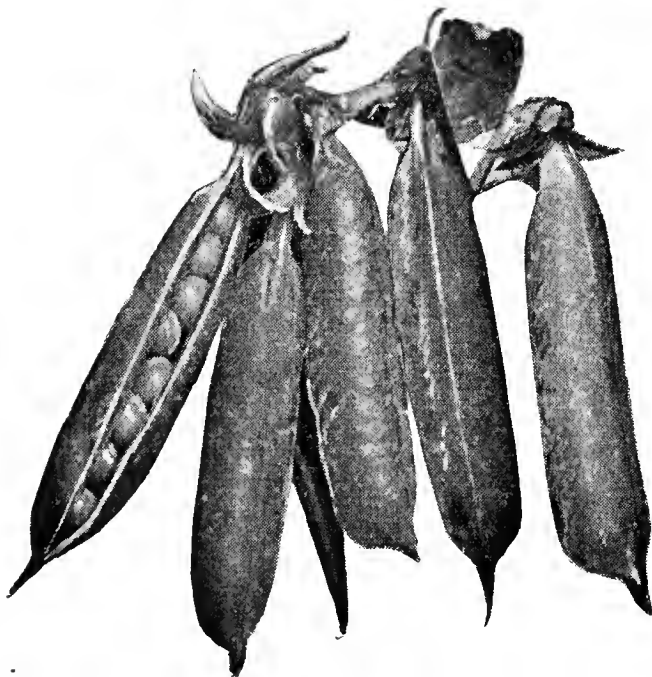
ALASKA PEAS



Little Marvel



American Wonder



Thomas Laxton

## Garden Peas

**Culture**—One pound will plant 100 feet of single row; 60 to 75 pounds for an acre. A light soil is best for the early varieties, a heavier soil that will retain moisture for the main crop. Well-rotted manure may be used to enrich the soil. Peas are a cool weather crop. Plant the early smooth varieties, Alaska and Extra Earlies as soon as the ground can be worked in February. The wrinkled varieties should be planted in March. Make main crop plantings 3 to 4 inches deep. Peas are usually planted in double rows, 12 inches between rows and 3 to 4 inches between seeds. Plantings should be made every week until hot weather.

### SMOOTH VARIETIES

Sow in February and March

**Prices**—These Five Smooth Varieties of English Peas  
Postpaid, 1/2 lb., 15c; 1 lb., 30c; 2 lbs., 40c; 5 lbs., 85c. Not prepaid, 1/2 lb., 10c; 1 lb., 20c; 2 lbs., 30c; 5 lbs., 65c. Quantity prices are quoted on our Green Ink List.

**EARLY ALASKA.** (54 days.) (Height 33 inches.) One of the earliest garden peas in cultivation. Alaska is one of the most widely grown peas for canning purposes also a prime favorite with market growers, as it holds its green color so well, and almost the entire crop can be gathered at a single picking.

**ALASKA WILT-RESISTANT.** (54 days.) (Height 33 inches.) Desirable for planting in sections infested with wilt. Practically the same as Alaska in other respects.

**AMEER.** (60 days.) (Height 36 inches.) Sometimes called Big Pond Alaska. Only a few days later than Early Alaska but the pods are nearly double as large, the peas are

larger, and it is more productive. The dark green pods are frequently borne in pairs, and the quality is good.

**FIRST AND BEST EXTRA EARLY.** (54 days.) (Height 30 inches.) As early as Alaska, a trifle darker green, but otherwise similar. Heavy bearing, delicious eating quality and uniform maturity make this a big favorite for home, market and canning. The seeds are round and faintly dimpled.

**LARGE WHITE MARROWFAT.** (82 days.) (Height 5 feet.) Very productive late variety for home garden; suitable for dry use and grown extensively for that purpose. The pods are about three inches long and contain 4 to 5 large peas. On poor ground this variety will outyield all others.

### WRINKLED VARIETIES

Sow in March and April

**Prices on All Varieties of Wrinkled English Peas**  
Postpaid, 1/4 lb., 10c; 1/2 lb., 20c; 1 lb., 35c; 2 lbs., 45c; 5 lbs., 95c. Not prepaid, 1/2 lb., 15c; 1 lb., 25c; 2 lbs., 35c; 5 lbs., 75c.

**ALDERMAN.** (75 days.) (Height 4 1/2-5 feet.) Splendid dark podded variety. Excellent for home, market garden and shipping. Pods dark green, 4 1/2 to 5 1/2 inches long, containing nine large tasty wrinkled peas.

**AMERICAN WONDER.** (59 days.) (Height 12-14 inches.) Very important early dwarf variety for the home garden. Peas plump 3 inches long, wrinkled, of fine flavor. Very productive.

**BLISS EVERBEARING.** (72 days.) (Height 30 inches.) Popular for the home garden. Peas large, wrinkled, sweet; of marrowy texture and flavor. Has long bearing period.

**DWARF TELEPHONE or DAISY.** (75 days.) (Height 24 inches.) Very satisfactory for home, market garden and shipping. Pods light green, 4 1/4 inches long, plump, tapered at end. Peas large, wrinkled, green.

**GRADUS or PROSPERITY.** (58 days.) (Height 3-3 1/2 feet.) One of the earliest of the wrinkled peas. Used extensively for home and market gardens. A superb variety of delicious quality. The pods, which are 4 inches long, contain 6 to 8 large, delicious peas. Hardy and prolific, pods uniform, well shaped and pointed.

**LAXTON'S PROGRESS.** (60 days.) (Height 18-22 in.) Splendid dwarf variety for home, market garden, and shipping. Pods handsome; dark green; fully 4 inches long. Filled with light greenish-cream, tender, wrinkled peas.

**LAXTONIAN.** (62 days.) (Height 18-22 inches.) Prolific, large podded, dwarf variety; easy to grow. Pods dark green, 4 inches long. Peas large, wrinkled.

**LITTLE MARVEL.** (62 days.) (Height 18-20 inches.) Unsurpassed in quality and productiveness; particularly valuable for the home garden. Pods dark green, 3 inches long, filled with medium size wrinkled green peas as sweet as you ever tasted. This is by far one of the most delicious dwarf peas on our list.

**MCLEAN'S LITTLE GEM.** (62 days.) (Height 18 inches.) Pods medium green, 2 3/4 inches long, seeds wrinkled, medium size, rich green, very sweet.

**TALL TELEPHONE.** (73 days.) (Height 4-4 1/2 feet.) One of the best home and market garden sorts; sometimes used for canning. Pods borne singly, 4 1/2 inches long, plump, straight, tapering at end. Peas large, wrinkled, green in color, of fine table quality.

**THOMAS LAXTON.** (57 days.) (Height 3-3 1/2 feet.) Unsurpassed for the home garden as an early large-podded pea of high quality. Pods deep green, 3 1/2 inches long, plump, blunt; peas wrinkled, cream green, very sweet, tender and delicious.

**SOUTHERN GROWN PEAS.** (Suitable for table use.) California Black Eye, White Crowder, Brown Crowder, Six Weeks Crowder, Lady, Rice, Calico, Wild Goose, Brown Eye, Purple Hull, etc. Postpaid: 1 lb., 25c; 2 lbs., 45c; 5 lbs., 90c. For quantity prices see Green Ink List.

### R.-H. CO.'S COLLECTION OF ENGLISH PEAS

1/2 lb. Early Alaska

1/2 lb. American Wonder

1/2 lb. Laxtonian

1/2 lb. Tall Telephone

Sent Postpaid for only 50c

## Peppers

**Culture**—Peppers should be started in a hotbed or cold frame and transplanted about the end of May into a sunny corner of the garden, in rows about 2 to 3 feet apart, with the plants about 18 to 24 inches between them in the rows. In warmer sections they can also be sown in open ground in a prepared seedbed when all danger from frost has passed. When the little plants are about 3 inches in height, transplant as above into the rows where they are to remain. Some very rich fertilizer stirred into the soil when the plants are about 6 inches high, will be found very beneficial to the crop.

### Prices on Pepper Seed, Except Where Priced Otherwise

Postpaid, pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c; ½ lb., \$1.15; lb., \$2.10; 2 lbs., \$3.90.  
Not prepaid, ¼ lb., 65c; ½ lb., \$1.10; lb., \$2.00; 2 lbs., \$3.80.

**CHINESE GIANT.** (Sweet.) (80 days.) This is the largest mild pepper ever developed, measuring 4 to 5 inches in diameter and of equal length. It is deliciously sweet and an ideal home garden variety. Plants dwarf, stocky and thickly set with enormous, unusually shaped, but attractive fruits that are chunky, twisted, slightly crumpled and square-ended. Color rich, bright green changing to a scarlet-red when ripe. Flesh thick and tender. **Postpaid, pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., 95c; ½ lb., \$1.65; lb., \$3.00; 2 lbs., \$5.60.** Not prepaid, ¼ lb., 90c; ½ lb., \$1.60; lb., \$2.90; 2 lbs., \$5.50.

**BELL or BULL NOSE.** (Sweet.) (55-60 days.) The earliest pepper of the "bell" type. A popular prolific sort, with small, erect plants. Fruits blunt, deep green changing to scarlet red; mild in flavor.

**CALIFORNIA WONDER.** (Sweet.) (72 days.) A popular pepper throughout the United States possessing qualities that make it ideal for stuffing or salads. The thickness of flesh, often measuring three-eighths of an inch, unknown in any other variety of pepper, is one of the points of excellence. In addition, it is firm, crisp, juicy, sweet and mild, without a trace of pungency. Plants upright and prolific. Fruits four-

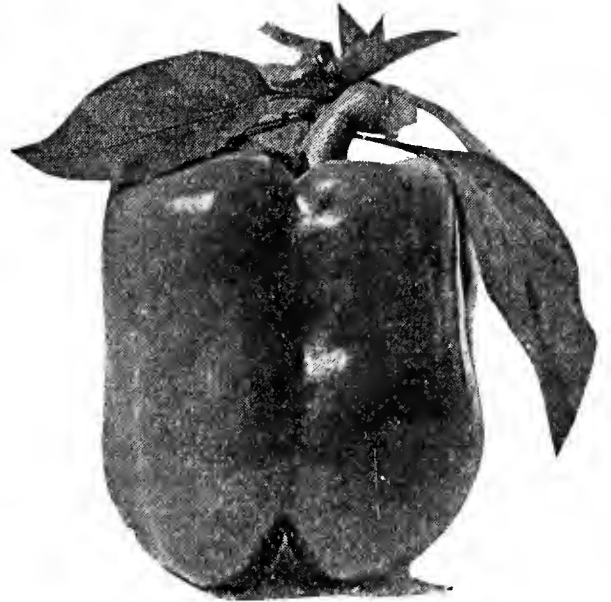
lobed, 4 by 4½ inches, attractive, smooth, uniform, very heavy; deep green changing to bright crimson at maturity.

**LONG RED CAYENNE.** ((Hot.) (70 days.) The most popular hot variety used for canning, pickles and drying. Plants large with fruits borne in great abundance, ½ to 4 inches, tapering to a point, twisted and deep green changing to red.

**PIMIENTO.** (Sweet.) (72 days.) The sweetest variety. Used extensively by canners; It is also desirable for home use in salads and for stuffed peppers. Plants tall and productive. Fruits heart-shaped, 2½ by 3½ inches, very smooth, tapering to a single point, dark green turning to crimson. Flesh very thick and mild.

**RUBY KING.** (Sweet.) (68 days.) Plants erect, vigorous and very productive. Fruits 3 by 5 inches, tapering, dark green turning red. Flesh crisp, tender, and very mild, and pleasant to the taste.

**WORLD BEATER.** (Sweet.) (70 days.) Combines the size of the Chinese Giant and the attractive shape and color of the Ruby King. Plants sturdy, erect and very productive. Fruits four-lobed, 3½ by 5 inches, glossy and smooth, deep green when young, changing to bright scarlet when ripe. Flesh unusually thick, mild and sweet.



California Wonder Pepper



Long Red Cayenne Pepper

### SPECIAL VARIETIES PEPPERS

For Pepper Sauce—Pickling—Drying

BIRD'S EYE CREOLE

RED CHILI TOBASCO

Postpaid, pkt., 10c; ½ oz., 20c; oz., 35c.

**PEPPER PLANTS**—California Wonder, Chinese Giant, Ruby King, Pimiento, Long Red Cayenne. Ready April 1st. Postpaid, doz., 25c; 50, 65c; 100, \$1.00; 500, \$3.25; 1,000 \$5.40. Not prepaid, doz., 15c; 50, 50c; 100, 75c; 500, \$3.00; 1,000, \$5.00.

## Certified Seed Irish Potatoes

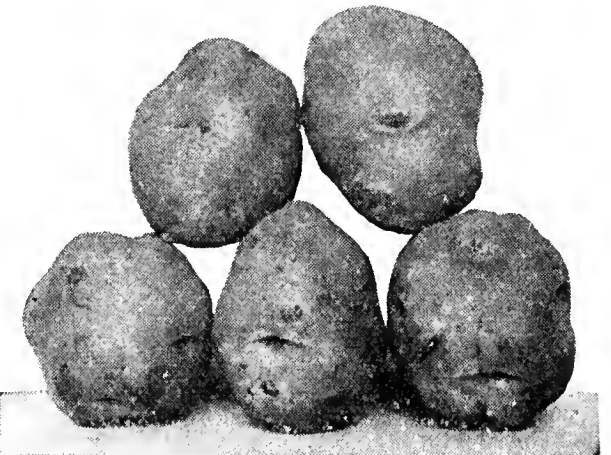
**Culture**—Potatoes can be grown in any soil provided it is fairly rich, but usually do best on loose, sandy loam and are of better quality than if planted on heavy clay soil. Cut the potatoes in 4 or 6 pieces, so there is at least one eye on each piece. About 3 pieces should be planted in each hill, 3 to 4 inches deep, according to the time of planting, in rows 3 feet apart and 16 to 18 inches apart in the rows. Use 3-8-6 Commercial Fertilizer in drills before planting, cover it with soil and then plant as instructed above. Don't use barnyard manure.

**CERTIFIED RED TRIUMPH.** (75 days.) A popular early variety. Tubers are nearly round, with red, smooth skin, small, shallow eyes, very uniform in size and shape. One of the prettiest potatoes grown.

**CERTIFIED IRISH COBBLER.** (80 days.) The eyes are strong, well-developed, and slightly indented. The flesh is creamy white and of fine quality and flavor.

**CERTIFIED CHIPPEWA.** (75 days.) Has general features of the Cobbler. Extra early, shallow eyes, resistant to disease, very white, round, smooth, heavy yielder.

**RED WARBA POTATO (Not Certified).** (72 days.) A new variety; skin red, flesh white and of fine quality. Tubers are oval, large size and is a very heavy cropper. The Warba potato is a two-crop variety, produces a crop in the spring also for fall.



Red Triumph Irish Potato

On account of market fluctuations, we are unable to name prices on Irish Potatoes. Will be pleased to have you write during the month of January or later. Will then quote prices for prompt or future shipments.

### RHUBARB

**Culture**—Does well in moist, rich, heavily fertilized partly shaded localities. Plant seed in March or April. Set out roots in fall or early spring. They make the most delicious of all pies.

#### RHUBARB SEED (Victoria)

Postpaid, pkt., 5c; ½ oz., 15c; oz., 25c

#### RHUBARB ROOTS (Victoria)

Postpaid, one year, each, 15c; doz., \$1.00.  
Not prepaid, each, 10c; doz., 85c.

### Certified SWEET POTATOES

Plant only disease-free sweet potato slips. They mean better quality and better crops.

**CERTIFIED NANCY HALL.** Skin yellow; meat sweet, of amber-yellow.

**CERTIFIED PORTO RICO YAMS.** Deep orange meat, soft, sweet and of best flavor; skin golden color with slight purplish tinge.

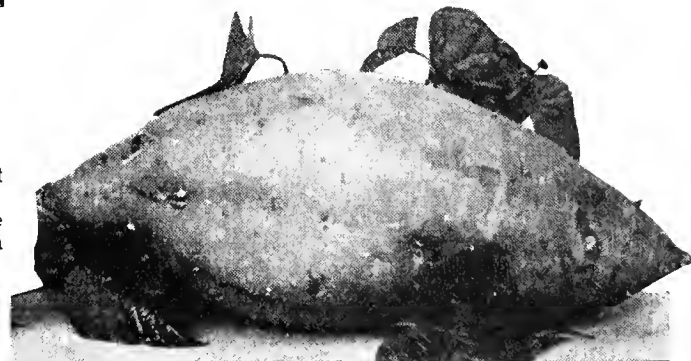
Prices on Green Ink List.

#### CERTIFIED SWEET POTATO SLIPS

Ready April 10th

**CERTIFIED NANCY HALL.**  
**CERTIFIED PORTO RICO.**

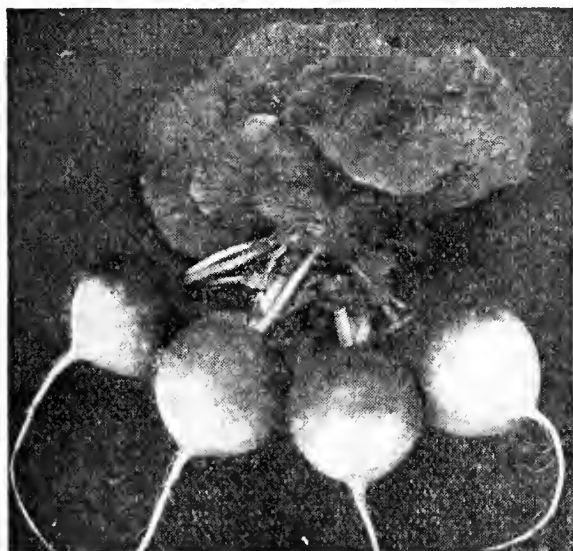
Write for prices



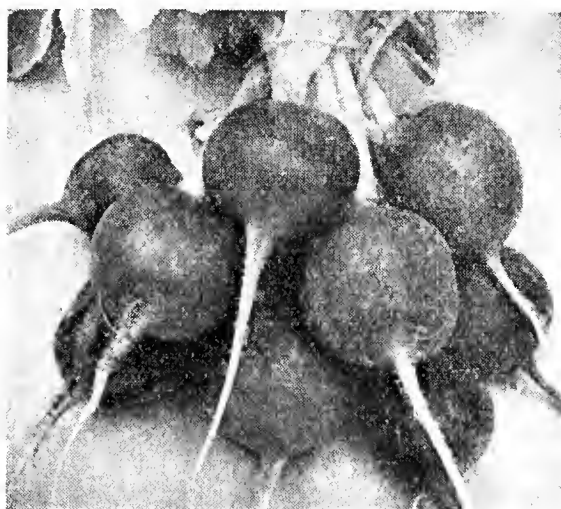
Porto Rico Sweet Potato

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED  
[ 37 ]





Cooper's Sparkler Radish



Early Scarlet Globe Radish



Large Leaf Viroflay Spinach



Bloomsdale Curled Savoy Spinach

## Radish

**Culture**—To be tender and crisp, radishes must be grown quickly and this requires rich soil and moisture. Begin as early as possible in the spring and sow at intervals of about 10 days in a light, rich, deeply worked soil. For fall and winter, sow in August and September. Two ounces sows 100 feet in drills; 8 to 10 pounds to the acre.

**COOPER'S SPARKLER WHITE TIP.** (25 days.) The most brilliant in appearance of all radishes. The upper half of the root is a brilliant scarlet, almost the entire lower half a pure white. This strain runs remarkably uniform in color, size and true ball shape. The best selling variety on practically all markets. Improvement over Early Scarlet Turnip White Tip.

**EARLY SCARLET GLOBE.** (22 days.) Recommended for your main sowing. Usable almost as soon as the very earliest radishes and for a period of a week or 10 days afterwards, or until they are nearly an inch through; and during that time they stay crisp, solid and tender, and mild in flavor. Color pure brilliant scarlet; very uniform in size and in shape, which is a rather long oval. Tops and roots small. Excellent for market. Improvement over Early Scarlet Turnip.

**EARLY LONG SCARLET.** (27 days.) Standard home and market garden sort. Tops small. Roots long, tapered; become 4-5 inches long and three-fourths inch thick at shoulder; bright carmine red. Very tender and brittle.

**FRENCH BREAKFAST.** (25 days.) Standard home and market garden sort; also suitable for forcing. Tops small. Roots oblong, blunt; about 1½ inch long and five-eighths

inch through; rich scarlet with white bottom; flesh white, crisp and of splendid quality.

**WHITE ICICLE.** (27 days.) Decidedly the best early white variety and considered by many the standard of excellence in radish. Particularly popular in home and market gardens. Tops small. Roots long, tapered; very white throughout; brittle as ice; 5-6 inches long and one-half inch thick or larger; mild and of splendid flavor.

**CHINA ROSE (Winter).** (50 days.) One of the best for fall and winter use. Roots 6-7 inches long, 1¾-2 inches diameter at shoulder and slightly broadened outward to 2-2½ inches at the blunt base; skin smooth, uniform bright deep scarlet; flesh white, firm, crisp and pungent.

**LONG BLACK SPANISH (Winter).** (55 days.) Splendid keeper. Roots 8-9 inches long, 2-2½ inches diameter at shoulder and only slightly tapered. Skin somewhat roughened; black; flesh white, very firm and crisp, pungent.

**WHITE CHINESE (Winter).** (55 days.) Roots about 8 inches long, 3 inches diameter at mid-section; with square shoulder and blunt bottom; white, smooth; flesh white, firm, crisp, mildly pungent.

### PRICES ON ALL VARIETIES OF RADISH SEED

Postpaid, pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 55c; 5 lbs., \$1.95. Not prepaid, ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.75. Quantity prices quoted on Green Ink List.

## Spinach

**Culture**—Requires but little culture. It is one of the most easily managed of all vegetables. The main crop is sown from September until November. For summer use it may be sown at intervals of 2 or 3 weeks, from March to November. Two ounces to 100 feet of drill; 8 to 10 pounds to an acre. During hot, dry weather, spinach does not grow so well, but in suitable weather with plenty of rain it is ready for use in about five weeks from sowing seed.

### TREAT SPINACH SEED WITH "CUPROCID" FOR DISEASE PROTECTION

**BLOOMSDALE CURLED SAVOY.** (40 days.) (Curly Leaf.) The standard very early sort for home and market garden. Plants upright and compact, attain height 10-12 inches and spread of 12-15 inches. Leaves large; blistered and crumpled; rich deep, glossy green; of splendid quality.

**LARGE LEAF VIROFLAY.** (55 days.) (Smooth Leaf.) Desirable for canning as the leaves grow clean and upright. Green leaves are very large, broad and pointed at end.

**NEW ZEALAND.** (70 days.) (Smooth Leaf.) The "cut and come again" spinach. Distinct from other kinds of spinach and particularly valuable for culture in hot dry weather. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly. Postpaid, pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$1.45. Not prepaid, ¼ lb., 20c; ½ lb., 35c; 1 lb., 55c; 5 lbs., \$1.25.

**GIANT NOBEL.** (43 days.) (Smooth Leaf.) Decidedly the best of the thick leaved group. Because of the enormous yield, long standing character, and the deep green color and smooth character of the leaves, this is highly recommended for canning as well as for home and market garden. Leaves very large, thick, broad arrow-shaped with rounded tip.

**NORFOLK BLIGHT-RESISTANT SAVOY.** (45 days.) (Curly Leaf.) Type same as Bloomsdale, but darker. Valuable where blight is prevalent.

**LONG STANDING BLOOMSDALE SAVOY.** (45 days.) (Curly Leaf.) Superior variety of the Bloomsdale or Savoy leaved group much in demand for home and market gardens because of the uniform, handsome plants and remarkable long standing quality. Resembles Bloomsdale Curled Savoy, but is a trifle later, of more compact habit, a trifle darker green and remains free of flower stalks about two weeks longer.

### Prices on All Varieties of Spinach Seed Except New Zealand

Postpaid, pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.10. Not prepaid, ¼ lb., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00. Quantity prices quoted on Green Ink List.

## SALSIFY or OYSTER PLANT

Very generally known as the Oyster Plant. The roots are boiled like carrots or parsnips or half boiled and grated fine, made into small flat balls, dipped in a batter and fried like oysters, of which their flavor greatly partakes.

**Culture**—Sow the seed in drills 18 to 24 inches apart, one-half inch deep, and when up, thin them out to 3 to 4 inches apart in the row. Two ounces will drill 100 feet, 6 to 8 pounds will sow one acre.

**MAMMOTH SANDWICH ISLAND.** (80 days.) Roots 7 to 8 inches long, 1 to 1½ inches thick, skin almost white, flesh mild and delicately flavored.

Postpaid, pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.10; 5 lbs., \$4.70. Not prepaid, ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00; 5 lbs., \$4.50.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

## Squash

**Culture**—Plant after weather becomes fully settled and the ground is warm and dry, in hills 3 to 4 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place 7 or 8 seeds in each, finally leaving but three of the strongest plants. Press the seeds down firmly before covering, and cover early planted ones 1 inch deep, and late ones 1½ inches. One ounce of seed makes 40 hills; 2 to 3 pounds to an acre.

Prices on All Varieties of Squash Except Early Prolific Straightneck  
Postpaid, pkt., 5c; oz., 15c; ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs. \$2.70. Not prepaid, ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.50.

**EARLY PROLIFIC STRAIGHTNECK.** (50 days.) 1937 All-America selection. It is of small type, straight and less warted than other types has a bright yellow color and the fruits are tender and delicious when in marketable condition. It is ready for picking in about 50 days. Postpaid, pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.00. Not prepaid, ¼ lb., 30c; ½ lb., 50c; lb., 90c.

**EARLY WHITE BUSH.** (55 days.) It is also called "Cymling" and "White Patty Pan." It is the most popular of the white summer types of squash. The fruits are rather small, quite flat with ridged or scalloped edges. The vines are extremely prolific and disease resisting. Standard for home and market garden.

**GIANT YELLOW CROOKNECK.** (56 days.) Standard sort for home, market garden and shipping. Fruits become very large; 18-24 inches long, 4½ inches through; neck curved; skin rich orange yellow, warted.

**GIANT YELLOW STRAIGHTNECK.** (55 days.) Particularly valuable for shipping because the straight fruits are more readily packed than the crookneck type with less waste of shipping space. Fruits handsome; deep orange with moderate shallow warting; become 16-20 inches long and 4 inches through, but are usable much smaller.

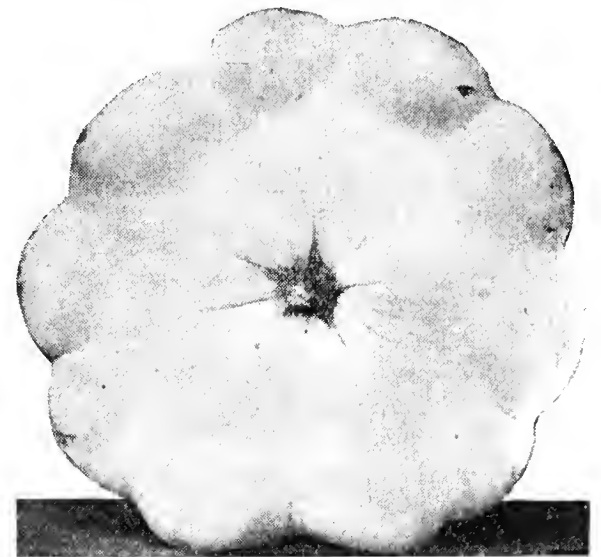
**HUBBARD.** (110 days.) The standard winter squash for home, market garden and shipping. Commonly 9-10 inches through; globular, dark bronze green, moderately warted; rind very hard and strong; flesh very thick, deep orange yellow, fine grained and dry; of splendid quality.

**MAMMOTH WHITE BUSH.** (56 days.) A large strain of the Early White Bush. The fruits grow to about one-third more size. It is a desirable strain especially where a larger size is required for market.

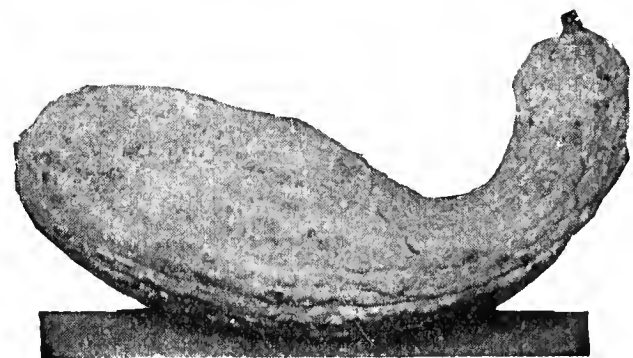
**ZUCCHINI.** (60 days.) The fruits grow long and slender and is a black green color when young. Used when real small and tender. A favorite among the market gardeners and are considered a delicacy.

**GOLDEN SUMMER CROOKNECK.** (50 days.) The most popular of the yellow summer varieties. The fruits are rather small, golden yellow in color and thickly covered with warts. The variety is exceedingly prolific. The fruits are curved in shape, the seeds are contained in the bowl or stem end. Very popular for home, market garden and shipping.

**GOLDEN CUSTARD.** (56 days.) A large strain of the yellow bush variety. The fruits are large, flat and the edges are deeply scalloped; and are inclined to be a little warted. Fine for home use.



Early White Bush Squash



Golden Summer Crookneck Squash

## TOBACCO

### CULTURE

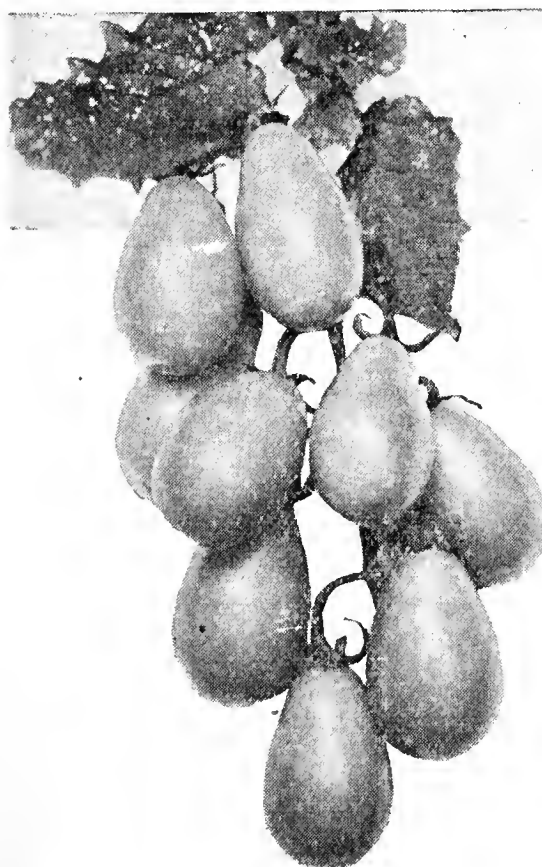
Sow in beds in February and March. When large enough and weather is settled set the plants out in highly manured soil in 3½-foot rows, 3 feet between plants. Constant care must be given, cultivating, suckering, worming, etc.

### VARIETIES

**HAVANA.** Much used for cigar wrappers; leaf very thin and of fine texture.  
**WHITE BURLEY.** (Root rot resistant.) A favorite for plug fillers and wrappers.  
Prices on the Above Varieties of Tobacco  
Postpaid, pkt., 10c; ½ oz., 30c; oz., 50c.



Havana Tobacco



Yellow Pear Tomato

### AERO CYANAMID

Use on your Tomato crop. Will produce larger fruit and a heavier crop. See Green Ink List for prices.

For Tomato blight and blossom end rot on tomatoes, we recommend

### PYROX

1-lb. jar, 49c  
Postpaid, 59c

## SMALL FRUITED TOMATOES

Popular miniature fruited tomatoes for making preserves, pickles or for serving whole in salads or marmalade. They mature early and continue to bear profusely until late in the season. Easily grown and should find a place in every garden.

**RED PEAR.** (75 days.) Fruits 2 inches long; pear shaped. The red flesh is tender, sweet and of fine flavor. Excellent for preserves and canning.

**YELLOW PEAR.** (75 days.) Fruits 2 inches long; pear shaped. Has bright yellow, sweet flesh. Mild and unexcelled for preserves.

**RED PLUM.** (75 days.) Fruits oval, 2 inches long; rich deep red. Fine for pickling or salads.

Prices of the Above Varieties of Small Fruited Tomatoes  
Postpaid, pkt., 10c; 3 pkts., 25c; oz., 45c.

## TOMATO PLANTS

Ready April 1st, following varieties only:  
**EARLY DETROIT** **MASTER MARGLOBE**  
**BEEFSTEAK** **NEW STONE**  
**GULF STATE MARKET** **PONDEROSA**

### HOTBED or SEEDLING PLANTS

Postpaid, 100, 75c; 500, \$2.75; 1,000, \$3.90. Not prepaid, 100, 60c; 500, \$2.50; 1,000, \$3.50; 5,000, \$15.00.

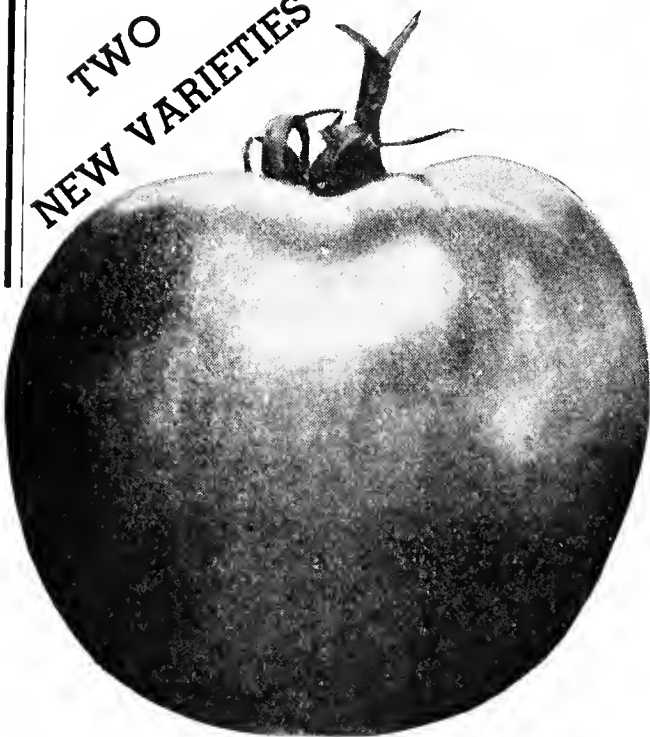
### TRANSPLANTED PLANTS

Same varieties as above—ready April 10th.  
Postpaid, doz., 25c; 50, 70c; 100, \$1.10; 500, \$4.00; 1,000, \$7.25. Not prepaid, doz., 15c; 50, 50c; 100, 85c; 500, \$3.50; 1,000, \$6.50.

TREAT TOMATO SEEDS WITH  
**SEMESAN**  
TO PREVENT SEED-BORNE DISEASES

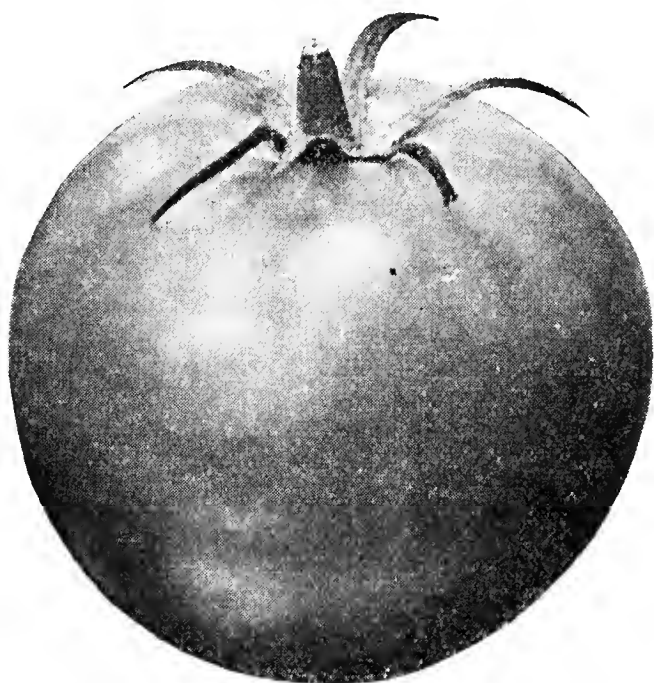


TWO  
NEW VARIETIES



Certified Rutgers

**CERTIFIED RUTGERS.** (83 days.) An important variety that has been bred primarily for cannery purposes, also used in the manufacture of juice, soup, catsup, etc. It is highly disease-resistant, has excellent interior color and structure, and is an extraordinary producer. The vine is very erect and under normal soil conditions will develop heavy, vegetative growth. It is suggested that nitrates in the fertilizer be applied very slightly for this variety. Otherwise, the fruit becomes too large and often has some blossom end scar. Rutgers is highly wilt-resistant. Average weight of fruit 8 ounces. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.05; 1/2 lb., \$1.80; lb., \$3.35. Not prepaid, 1/4 lb., \$1.00; 1/2 lb., \$1.75; lb., \$3.25.



Certified Stokesdale

**CERTIFIED STOKESDALE.** (72 days.) An important all-purpose type for market or for cannery. For market, it will be profitable because of its earliness, its beauty, and its quality. For cannery it offers high tonnage per acre, with all that makes for a strong government grade. It has the further advantage of spreading the picking season—the peak will precede Marglobe by 10 days, Rutgers by 14 days. Flavor and interior color are also outstanding points. It is highly wilt-resistant and you will be astonished with its producing power. Average weight 8 ounces. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.15; 1/2 lb., \$2.15; lb., \$3.85. Not prepaid, 1/4 lb., \$1.10; 1/2 lb., \$2.00; lb., \$3.75.

## Tomatoes

Six to eight ounces to an acre; one ounce makes 1,500 plants.

**Culture**—Plant the seed in March one-fourth inch deep in hotbeds or shallow boxes. When the plants have made 4 leaves transplant to promote root growth. Expose as much as possible to harden them, but do not allow growth to be checked. In April transplant in the garden 3 to 4 feet apart. If the weather is cold use Hotkaps for protection. The number of days on varieties shown mean the time from setting of plants.

**BEEFSTEAK.** (90 days.) Large fruit, 4 to 5 1/2 inches across, nearly always perfectly smooth, glossy, bright red flesh. Very solid; excellent keeper and a good shipper. Postpaid, pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00; 1/2 lb., \$1.80; lb., \$3.35. Not prepaid, 1/4 lb., 95c; 1/2 lb., \$1.75; lb., \$3.25.

**BONNY BEST.** (74 days.) Deep red. Here is an old favorite that has been continuously selected for earliness, solidity, smoothness, and evenness of ripening. It is a vigorous grower, producing bright red fruit throughout the season. The heavy foliage is a good protection against sun-scald. Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 60c; 1/2 lb., 95c; lb., \$1.60. Not prepaid, 1/4 lb., 55c; 1/2 lb., 90c; lb., \$1.50.

**BREAK O' DAY.** (70 days.) Beautiful red. An extra early perfect globe hybridized from Marglobe and other earlier tomatoes. Almost as early as Earliana. All the wilt and disease-resistant qualities of Marglobe but at least one week earlier. Good shipper. Stands hot and dry weather. Postpaid, pkt., 5c; 1/2 oz., 20c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.30; lb., \$2.35. Not prepaid, 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.25.

**BRIMMER.** (88 days.) A great, big, solid red tomato, 15 to 16 inches in circumference, weighing 2 to 2 1/2 pounds each. It is all meat, very few seeds. The vines bear a tremendous load of fruits up to frost. Postpaid, pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.05; 1/2 lb., \$1.90; lb., \$3.50. Not prepaid, 1/4 lb., \$1.00; 1/2 lb., \$1.85; lb., \$3.40.

**DWARF PONDEROSA.** (90 days.) Purplish pink. A new dwarf sort of good size and various other unique characteristics. It is very prolific, producing fruits in clusters around the base of the plant. Of the same color as Ponderosa. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.00; 1/2 lb., \$1.80; lb., \$3.35. Not prepaid, 1/4 lb., 95c; 1/2 lb., \$1.75; lb., \$3.25.

**EARLIANA.** (66 days.) Scarlet-red. Coming into the market early it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The tomatoes are borne in clusters. They are of good flavor and contain few seeds. Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c; 1/2 lb., \$1.30; lb., \$2.35. Not prepaid, 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.25.

**EARLY DETROIT.** (78 days.) Pink. Vines vigorous and productive. Fruit round and nearly globe-shaped, firm, and very smooth. A splendid second early variety. Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c; 1/2 lb., \$1.30; lb., \$2.35. Not prepaid, 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.25.

**GREATER BALTIMORE.** (82 days.) Bright red. Being a deeper, more blocky tomato than Stone, Greater Baltimore has become a universal canning favorite. It produces an unusually heavy tonnage per acre, having fine shaped fruit, very heavy, firm and meaty. For main and late crops it is also popular among home and market gardeners. Postpaid, pkt., 5c; 1/2 oz.,

10c; oz., 20c; 1/4 lb., 50c; 1/2 lb., 80c; lb., \$1.40. Not prepaid, 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.30.

**GULF STATE MARKET.** (77 days.) Fruit purplish pink, smooth, firm, globe-shaped, fine for market or home gardens. Vine vigorous and productive. Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 80c; 1/2 lb., \$1.30; lb., \$2.35. Not prepaid, 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.25.

**MARGLOBE.** (78 days.) Bright red. This is our regular stock of Marglobe. While not equal to our other strains of this excellent variety, it is as good as any stock sold by other seed houses. Our grower procured the original stock from the U. S. Department of Agriculture. Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 50c; 1/2 lb., 80c; lb., \$1.35. Not prepaid, 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.25.

**CERTIFIED MASTER MARGLOBE.** (83 days.) The fame of this beautiful tomato is almost legendary. It is conceded to be the most important market tomato in North America. It is rust and wilt resisting; fruits are a bright red and globe shape; seed cavities small. Marglobe is one of the best main crop tomatoes. It is a good shipper and canner. It has a sturdy vine which carries the fruit well, with plenty of foliage to protect its fruit. Average weight, 6 ounces. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 40c; 1/4 lb., 95c; 1/2 lb., \$1.65; lb., \$3.10. Not prepaid, 1/4 lb., 90c; 1/2 lb., \$1.60; lb., \$3.00.

**NEW STONE.** (86 days.) Deep red. Vines vigorous and productive. Fruits large, smooth, solid; very heavy. This is a favorite canners' variety. Postpaid, pkt., 5c; 1/2 oz., 10c; oz., 20c; 1/4 lb., 50c; 1/2 lb., 80c; lb., \$1.35. Not prepaid, 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.25.

**OXHEART.** (90 days.) Pink. Fruits large, heart-shaped; flesh, solid with but few seeds, of mild flavor. Excellent for home gardens. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.30; 1/2 lb., \$2.30; lb., \$4.00. Not prepaid, 1/4 lb., \$1.25; 1/2 lb., \$2.25; lb., \$3.90.

**PONDEROSA.** (88 days.) A purplish pink tomato of largest size. Vine vigorous and very productive. Fruit very solid, fairly smooth, and considered of very good quality, especially by those who prefer a tomato quite free from acid. Postpaid, pkt., 5c; 1/2 oz., 25c; oz., 40c; 1/4 lb., 95c; 1/2 lb., \$1.65; lb., \$3.10. Not prepaid, 1/4 lb., 90c; 1/2 lb., \$1.60; lb., \$3.00.

**PRITCHARD.** (75 days.) Heavy cropper of scarlet, globe-shaped fruits. Fruit very heavy, inside color beautiful red, desirable for canning. Abundant foliage to protect from sun-scald. Excellent tomato for the home garden and market gardener, as well as long distance shipper. Postpaid, pkt., 5c; 1/2 oz., 15c; oz., 25c; 2 ozs., 40c; 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.20. Not prepaid, 1/4 lb., 55c; 1/2 lb., 90c; lb., \$1.50.

**YELLOW PONDEROSA.** (88 days.) Equals Ponderosa in size, but bears rich golden yellow fruits in abundance. Postpaid, pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.15; 1/2 lb., \$2.00; lb., \$3.60. Not prepaid, 1/4 lb., \$1.10; 1/2 lb., \$1.95; lb., \$3.50.

## OTHER CERTIFIED TOMATOES

It will pay you to plant certified tomato seed. They are grown for purity, selectiveness, trueness to type, and freedom from diseases. Are all certified by the New Jersey Agricultural Department, under whose supervision they are grown.

Prices uniform on the following varieties: Postpaid, pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., 90c; 1/2 lb., \$1.55; lb., \$2.85. Not prepaid, 1/4 lb., 85c; 1/2 lb., \$1.50; lb., \$2.75.

Certified Bonny Best  
Certified Break O' Day  
Certified Earliana

Certified Gulf State Market  
Certified Marglobe  
Certified New Stone

Certified Greater Baltimore

## Turnips

**Culture**—Spring sowing should be put in early, so that they they will attain a good size before hot weather. For the regular crop, sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 to 2½ feet apart, thinning out to 2 to 3 inches and roll the ground after sowing. Cover the seed about ½ inch. Sow 1 to 2 pounds to acre in drills, 2 to 3 pounds broadcast. Rutabaga or Swede should be sown in July, and always in drills 18 to 24 inches apart, and then the plants thinned out to stand 4 to 6 inches. As the plants grow ridge up to them, otherwise they will form no bulbs.

### Prices On All Varieties of Turnip Seeds Except Where Priced Otherwise

Postpaid, pkt., 5c; 1 oz., 10c; ¼ lb., 20c; ½ lb., 25c; lb., 45c; 5 lbs., 1.70. Not prepaid, ¼ lb., 15c; ½ lb., 20c; lb., 35c; 5 lbs., \$1.50. Quantity prices quoted on Green Ink List.

#### AMERICAN RED TOP GLOBE. (60 days.)

Grown for us on contract from our own special seed stock. A perfect globe shape with bright red or purple top and snow-white bottom. It does not taper like other types of the same variety, due to the utmost care in seed selection. Prices, postpaid, pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 35c; lb., 60c. Not prepaid, ¼ lb., 20c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

#### EARLY WHITE EGG. (55-60 days.)

Splendid home and market sort. Tops erect, fairly compact, cut-leaved. Roots white, smooth, grow one-half above ground, egg shaped, become 3 inches long and 2¼ inches through; flesh white, firm, fine grained, sweet and tender.

#### EARLY WHITE FLAT DUTCH. (46 days.)

Is of a beautiful flat form, of pure white color and of a delicate mild flavor. It produces bulbs entirely free from small roots and with long, narrow strap leaves growing erect, which permits close culture.

#### JAPANESE SHOGGIN. (Louse resistant.) (60 days.)

It is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality. Already popular as a dual purpose variety; also very desirable because of its resistance to aphids or plant lice.

#### POMERANEAN WHITE GLOBE. (75 days.)

Tops large, with cut leaves. Roots large, globe shaped, slightly flattened, weigh 4 to 8 pounds. White throughout, smooth, firm, somewhat coarse.

#### LARGE YELLOW AMBER GLOBE. (75-80 days.)

This is a very beautifully formed variety, of an amber color, quite productive, solid flesh, and attractive in appearance. It keeps well and is desirable for either table use or stock feeding.

#### LONG WHITE COW-HORN. (65-70 days.)

A pure white variety with green top, growing in shape similar to a cow's horn. 12-15 inches long. Is desirable for both table use and for stock feeding. The flesh is mild, sweet and tender.

#### MIXED TURNIP. A dependable mixture of

all the fall and winter turnips, both for the turnips and for the green that will keep your table supplied from fall until late spring. Sow liberally as they are good both for table use and stock.

#### EARLY PURPLE TOP FLAT STRAPLEAF. (46 days.)

Perfectly flat form with a small tap-root and a bright purple top; the leaves are short and narrow. Fine table variety and excellent for feeding stock.

#### EXTRA EARLY PURPLE TOP MILAN. (42 days.)

An extra early sort for home garden and truckers. Tops small, strap leaved. Roots very flat, white with purple top; flesh clear white, fine grained, sweet and tender. Can also be used for forcing. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; lb., 50c; 5 lbs., \$1.95. Not prepaid, ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

#### PURPLE TOP WHITE GLOBE. (55-60 days.)

One of the most popular varieties now grown; globe shape, flesh pure white with a purple top, and of very rapid growth. It is of the same character and habit as the Purple Top Flat, differing only in its form and leaves; but owing to the great size and thickness of the root, it will produce twice as much to the acre. It is also a good winter variety.

#### SOUTHERN PRIZE. (70 days.)

Grown for winter and spring salads. Very hardy and stands the winter without protection; highly recommended.

#### SOUTHERN SEVEN TOP. (70 days.)

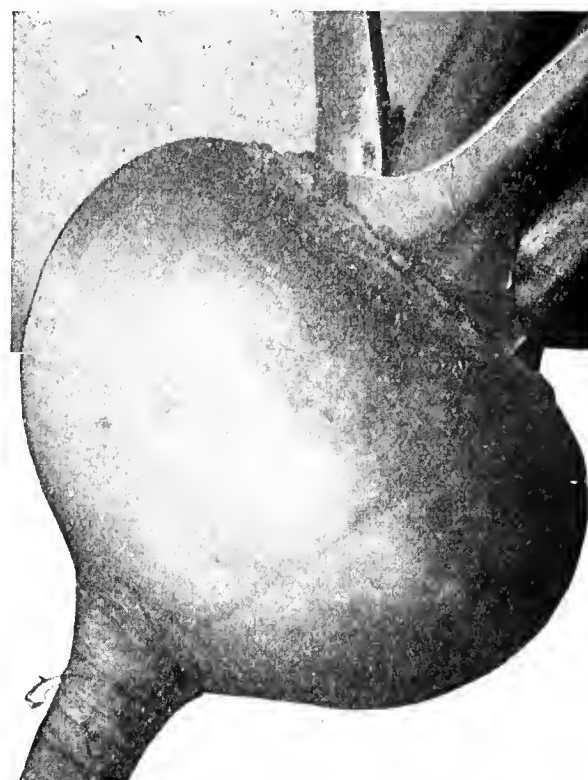
Cultivated very extensively in the South for the tops, which are cooked and served as greens. Does not produce edible roots. Very hardy. May be left standing in the open ground during the winter. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; lb., 45c; 5 lbs., \$1.85. Not prepaid, ½ lb., 25c; lb., 35c; 5 lbs., \$1.65.

#### EXTRA EARLY WHITE MILAN. (42 days.)

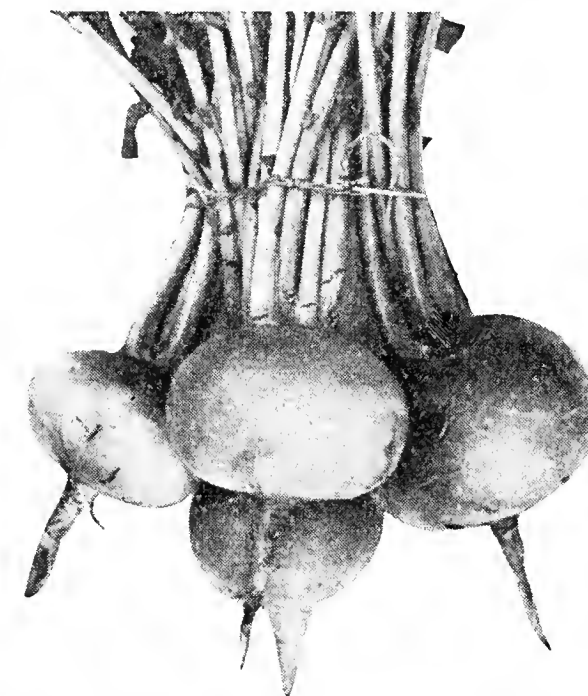
Extremely early, good for forcing, as well as garden culture. Tops small, compact, strap leaved. Roots medium small, very flat, white throughout, sweet and tender; small tap root. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; lb., 50c; 5 lbs., \$1.95. Not prepaid, ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

#### YELLOW ABERDEEN. (75-80 days.)

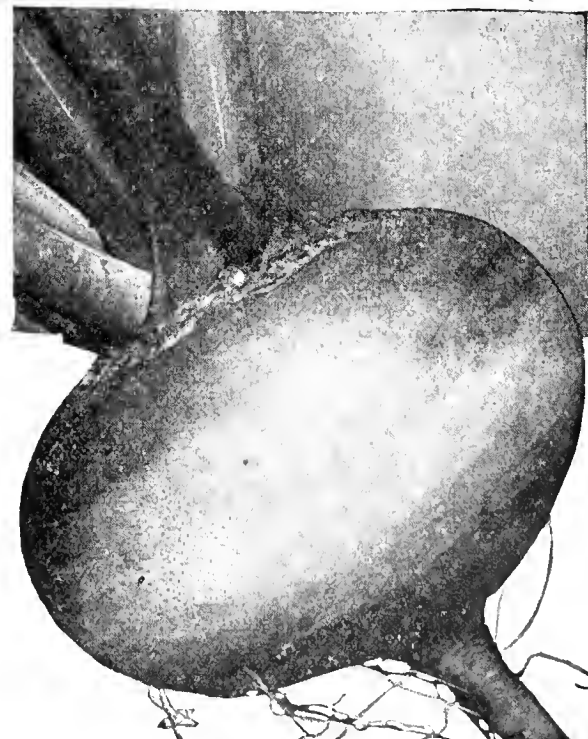
Resembles a very handsomely formed rutabaga. It can be sown with success fully a month later than the Swede, and is desirable for table use.



Mammoth Purple Top White Globe



Purple Top Flat Strap Leaf

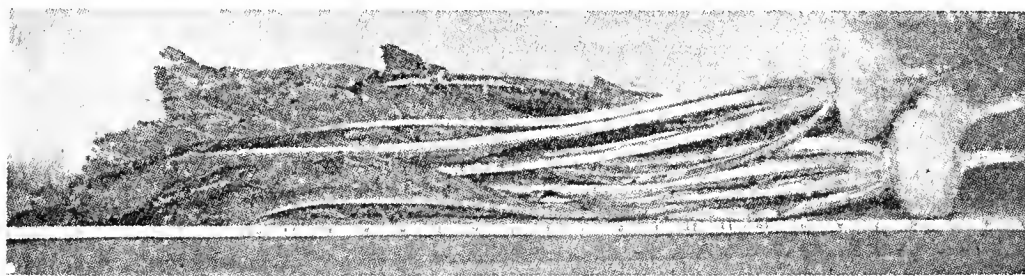


Large Yellow Amber Globe

## RUTABAGAS or SWEDE TURNIPS

**Culture**—The same as turnips except rutabagas require a longer season for maturing and should be sown the latter half of July.

**PURPLE-TOP YELLOW RUTABAGA. (88 days.)** One of the best and heaviest cropping sorts. It is of globe shape with a rich purple top and light yellow below the ground. The quality is fine. Postpaid, pkt., 5c; 1 oz., 10c; ¼ lb., 20c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.70. Not prepaid, ¼ lb., 15c; ½ lb., 20c; lb., 35c; 5 lbs., \$1.50.

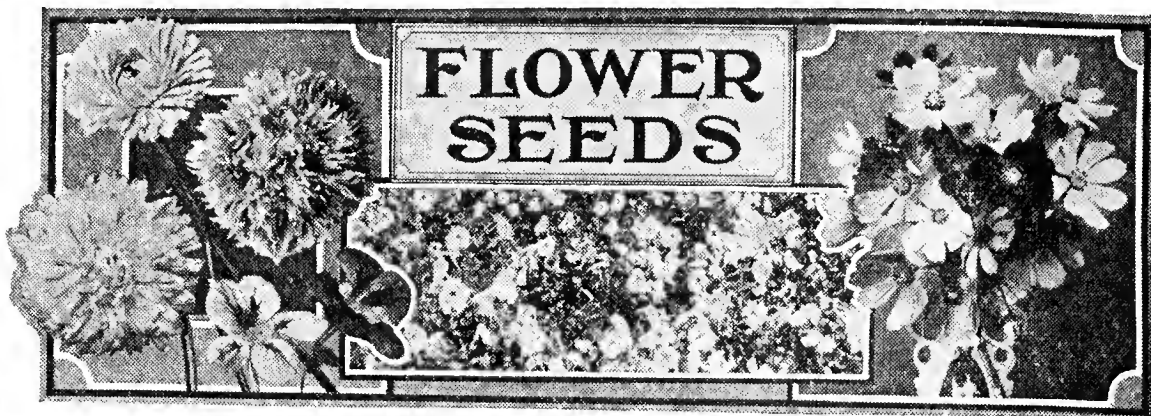


Japanese Shogoin Foliage Turnip





Aster, American Beauty



**Cultural Directions**—Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them and then covered lightly with damp peat moss. Water frequently. A good plan is: Sow the seeds in rows about 8 inches apart, then transplant to the permanent garden later. Do not cover flower seed too deep. Shallow planting is desired. If the soil becomes dry, water it first before sowing seeds.

**PRICES ON ALL FLOWER SEEDS ARE POSTPAID**

**Special Postpaid Offer No. 1**

Select any Eight 5c Pkts. for 30c.  
Select any Fifteen 5c Pkts. for 50c.

**Special Postpaid Offer No. 2**

Select any Four 10c Pkts. for 30c.  
Select any Seven 10c Pkts. for 50c.

**AGERATUM**

An excellent annual for edging or bedding. They grow from 6 inches to 3 feet and succeed most anywhere.

**BLUE BALL.** Compact ball-shaped plants, 6 to 8 inches, flowers deep, dark blue.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c.

**FINEST MIXED COLORS.**

Pkt., 5c; 1/8 oz., 15c; 1/4 oz., 25c; 1/2 oz., 35c.

**ALYSSUM**

Annuals that bloom freely throughout the summer. For borders, pots, rockeries or for cutting Alyssum is always satisfactory.

**SWEET ALYSSUM.** Height 1 foot. Flowers pure white.

Pkt., 5c; 1/4 oz., 10c; 1/2 oz., 15c; oz., 25c.

**GOLDEN YELLOW.** Dwarf yellow flowers, plant compact.

Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 35c; oz., 60c.

**LITTLE GEM.** Plant extra dwarf, with snow-white flowers.

Pkt., 10c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 45c.

**AMARANTHUS**

Hardy annuals. Fine for backgrounds or center of beds, they grow from 2 to 4 feet high.

**CAUDATUS.** Drooping crimson flower spikes with yellow greenish foliage.

Also known as Love-Lies-Bleeding.

Pkt., 5c; 1/2 oz., 10c; oz., 15c.

**ANTIRRHINUM (Snapdragon)**

**RUST-PROOF VARIETIES**

A new race of vigorous growth and free of disease; excellent for borders, beds or cutting.

This half-hardy perennial is one of the most beautiful and showy garden flowers. Easily grown from seed and will bloom well the first season, and endures the winter and gives good results the second year, after which the plants disappear. Height 2 feet.

**DWARF MIXED.** Plants 15 to 18 inches high, many beautiful colors in mixture.

Pkt., 15c; 1/4 oz., 90c; 1/2 oz., \$1.50.

**TALL MIXED.** Finest mixed colors, 2 1/2 to 3 feet in height.

Pkt., 5c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c.

**CRIMSON.** Brilliant fiery crimson.

**PINK.** Charming rose-pink, very beautiful.

**YELLOW.** Fine large yellow bouquet flower.

**SHASTA.** Beautiful pure white color.

Price of any of the above four varieties Rust-Proof Snapdragon; Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50.

**UNIVERSITY OF CALIFORNIA MIXED SNAP-DRAGON.** All colors in gorgeous assortment of shades.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c; 1/2 oz., 75c; oz., \$1.25.

**ASTER**

One of the easiest annual flowers to grow, height 2 feet. Sow seed early in March and transplant 18 inches apart.

**WILT-RESISTANT VARIETIES**

**GIANT COMET.** Branching sort with large full fluffy flowers, mixed colors.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 60c.

**AMERICAN BEAUTY MIXED.**

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**CHINA MIXED.**

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 30c; oz., 45c.

**ALL COLORS MIXED.** A splendid combination of double and giant Asters, many colors.

Pkt., 5c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 40c; oz., 60c.

**BALSAM**

**CAMELLIA-FLOWERED.** Double. An old favorite garden annual, commonly known as Lady Slipper. Two feet high. Double mixed.

Pkt., 5c; 1/2 oz., 35c; oz., 50c.

**NEW BUSH BALSAM.** Of dwarf compact growth with double gardenia-like blossoms, a fine showy bedding plant.

**MIXED COLORS.**

Pkt., 10c; 1/8 oz., 45c; 1/4 oz., 75c.

**BALSAM APPLE**

A very ornamental and quick-growing annual vine, grown for its fruit, which has medicinal qualities.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

**BACHELOR BUTTON**

This free-blooming annual is also known as Cornflower (Centaurea cyanus). Sow in open ground, very early in February or March, about 1/4 inch deep. Transplant 6 to 8 inches apart. Fine for borders, beds or cutting.

**DOUBLE BLUE.** Dark blue.

Pkt., 10c; 1/2 oz., 25c; oz., 40c.

**DOUBLE PINK.** Rosy pink.

Pkt., 10c; 1/2 oz., 35c; oz., 50c.

**DOUBLE RUBY.** Bright ruby.

Pkt., 10c; 1/2 oz., 25c; oz., 40c.

**DOUBLE RED BOY.** Rich red.

Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 50c.

**DOUBLE JUBILEE GEM.** Compact growth, 12 inches high; flowers double, vivid deep blue, easy to grow.

Pkt., 15c; 1/16 oz., 25c; 1/8 oz., 35c; 1/4 oz., 50c.

**DOUBLE MIXED.** All colors.

Pkt., 5c; 1/2 oz., 20c; oz., 30c.

**CALENDULA**

One of the best hardy annuals. Plants 12 to 18 inches high; they have showy double flowers that bloom until frost. Grow in almost any garden soil.

**CAMPFIRE SENSATION.** Double rich brilliant orange flowers with a scarlet sheen. This is the new sensation Calendula.

Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

**MIXED CALENDULA.** All varieties and colors in mixture.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

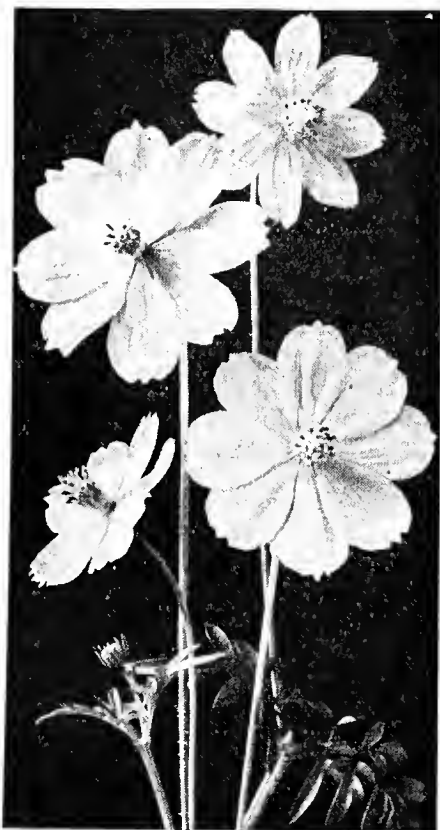
**CALLIOPSIS**

Free flowering annual, 1 1/2 to 2 feet in height, in bright showy yellow shades; fine for cutting.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.



Ageratum, Blue Ball



Cosmos, Orange Flare

## PRICES ON ALL FLOWER SEEDS ARE POSTPAID

### CANDYTUFT

Hardy annual 8 to 10 inches in height. Good for edging or beds. Produces clusters of beautiful flowers in a wide range of colors, of easy culture.

**MIXED CANDYTUFT.** A wide assortment of colors.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

### CANTERBURY BELLS

Produces large bell-shaped flowers, plants 2 feet in height, hardy biennial of easy growth.

**DOUBLE MIXED.**

Pkt., 5c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 65c.

**ANNUAL CANTERBURY BELL.** 1933 Gold Medal Winner. Blooms the first season from seed, very showy. Mixed colors.

Pkt., 5c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 65c.

### CARNATION

Half-hardy plants that will bloom the first season from seed. Start indoors in boxes or beds in March and transplant to the open ground in May.

**CHABAUD'S GIANT DOUBLE.** Sweet scented. The large flowers are double and beautifully fringed. Height 18 inches. Mixed colors.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.00.

**MARGUERITE, DOUBLE MIXED.** A very popular showy Carnation; easily grown, very fragrant. Mixed colors.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 50c.

### CARDINAL CLIMBER

The vine attains a height of 20 to 30 feet and produces small, glowing scarlet flowers. Annual.

Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 65c; oz., \$1.00.

### CASTOR BEANS (Ricinus)

This showy annual is used for its foliage. Makes a splendid background as it attains a height of 8 to 9 feet, very attractive. It is also useful to keep moles out of the ground. Plant in April, 6 to 8 feet apart.

**ZANZIBARIENSIS.** Tall growing, has bright colored foliage.

Pkt., 5c; 1/2 oz., 15c; oz., 20c.

**MIXED RICINUS.** A fine assortment of many-colored varieties.

Pkt., 5c; 1/2 oz., 15c; oz., 20c.

### CHRYSANTHEMUM

Free-flowering annuals that bloom the first season, 1 to 1 1/2 feet in height, of simple culture. Sow in March and April.

**DOUBLE DWARF CORONARIUM.** Lovely button-shaped flowers, 1 1/2 inches across, plants 18 inches high.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 25c; oz., 35c.

### COBAEA SCANDENS

This annual climbing vine grows 18 to 20 feet in a season. It is very attractive and produces large bell-shaped purple flowers. Blooms until frost.

Pkt., 5c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c.

### COCKSCOMB

Fine for beds or borders. When grown as specimen plants they make a grand display and will stand almost any kind of weather. They will succeed in almost any situation. Annual. Sow in March.

**DWARF MIXED.** Many colors of Celosia in mixture.

Pkt., 5c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.25.

**FLAME OF FIRE.** Produces feathery combs of fiery scarlet plants, grow 18 to 20 inches in height.

Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

### COLEUS

Tender annual. Sow seed indoors and transplant. Leaves many shades and combinations of yellow, green and red, mixed colors.

Pkt., 15c; 1/8 oz., 90c; 1/4 oz., \$1.50; 1/2 oz., \$2.50.

### COLUMBINE

Hardy perennials. Profuse blooming, making choicest cut flowers on long stems. They succeed best in shady, moist places, and grow from 1 to 2 feet in height. Mixed double varieties in many colors.

**DOUBLE MIXED.**

Pkt., 5c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 40c; oz., 65c.

**LONG-SPURRED MRS. SCOTT ELLIOTT.** The most desirable, having very long spurs. Choicest hybrid mixed.

Pkt., 15c; 1/8 oz., 60c; 1/4 oz., 90c; 1/2 oz., \$1.50.

### COREOPSIS

Fine large blooms, golden yellow on long, graceful stems. Especially suited for cutting and blooms all summer. Hardy perennial. Mixed colors. 2 1/2 feet.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

**DOUBLE SUNBURST.** Large, golden yellow. Full double flowers.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

### COSMOS

There is no other tall annual so useful or pretty as the Cosmos. Flowers very large. Petals fringed and plain in many beautiful colors; excellent for background or in front of large shrubs, or in the back of low-growing plants. Sow seed in March, thin to 18 to 24 inches to give them room. Height 3 to 4 feet.

**ORANGE FLARE.** 1935 All-America Gold Medal Winner. A most beautiful deep orange color. Flowers earlier than Klondyke. Blooms all summer.

Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 40c; oz., 60c.

**NEW SENSATION PINKIE.** Extra large with fluted petals. A very bright pink.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 40c; 1/2 oz., 60c.

**NEW SENSATION PURITY.** Snow-white, fine, bold, large flowers.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 40c; 1/2 oz., 60c.

**GIANT FLOWERING MIXED.**

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

**EARLY FLOWERING.** Mixed colors.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 30c; oz., 45c.

**DOUBLE CRESTED MIXED.** All shades of Double Crested Cosmos in mixture.

Pkt., 10c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

### CYPRESS VINE

A tender annual climber with finely cut leaves and small star-shaped scarlet-flowers. Sow in April. Soak seed in warm water six hours before planting.

**MIXED CYPRESS VINE.**

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

### CYNOGLOSSUM

Also known as Chinese Forget-Me-Not. Free blooming; blue flowers. Sow in April. Hardy annual, 2 feet high.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 25c.

### DAHLIAS

Half-hardy perennial that will bloom the first season from seed. Sow early in boxes and transplant to open ground the middle of May.

**DOUBLE MIXED.**

Pkt., 10c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

### DAISY

These perennials are easy to grow. Sow seed in fall or early spring and transplant where wanted, 6 to 8 inches apart.

**SHASTA DAISY.** Large single white flowers with yellow centers plants 2 1/2 feet high.

Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c; oz., \$1.25.

### DELPHINIUM

Hardy perennial Larkspur. Sow in early spring and transplant 24 inches apart in a shaded location, fine for perennial beds. Add lime to soil for better results.

**BELLAMOSUM.** Perennial dark blue Delphinium.

Pkt., 10c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.00.

**PERENNIAL MIXED DELPHINIUM.** Many colors in assortment.

Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c; oz., \$1.25.

### ESCHSCHOLTZIA

The well-known California Poppy. Annuals that bloom profusely in early summer, of easy culture, which makes them valuable as a bedding plant; one foot in height. Sow seed in February and March where they are to remain.

**AURANTIACA.** Deep orange shade.

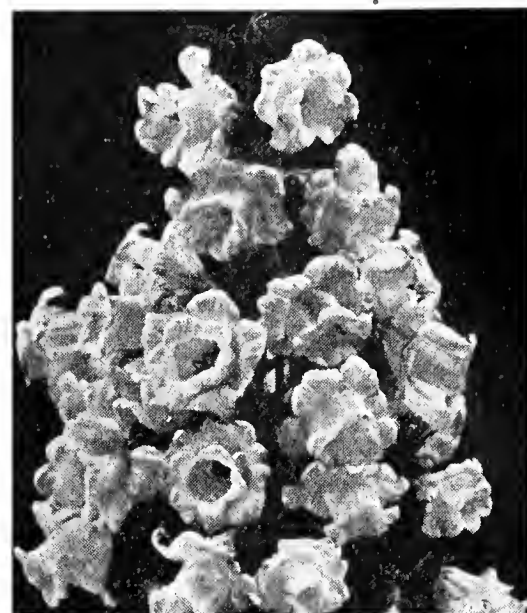
Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

**SALMON BEAUTY.** Beautiful salmon-pink.

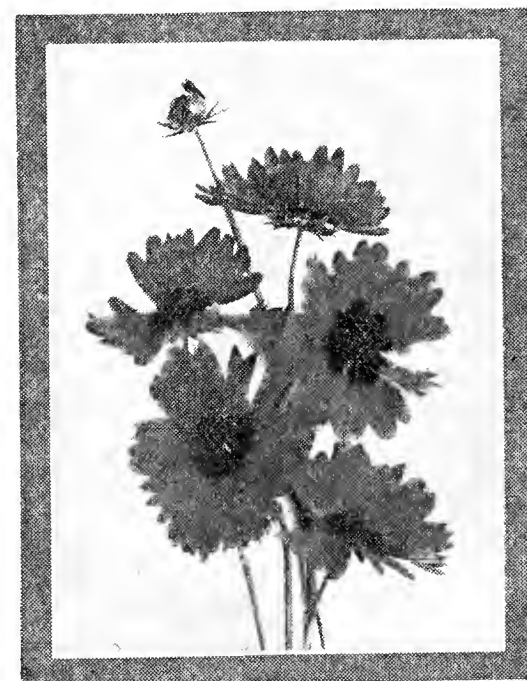
Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

**MIXED ESCHSCHOLTZIA.** All colors in a fine mixture.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.



Canterbury Bell, Annual



Calliopsis



Daisy, Shasta

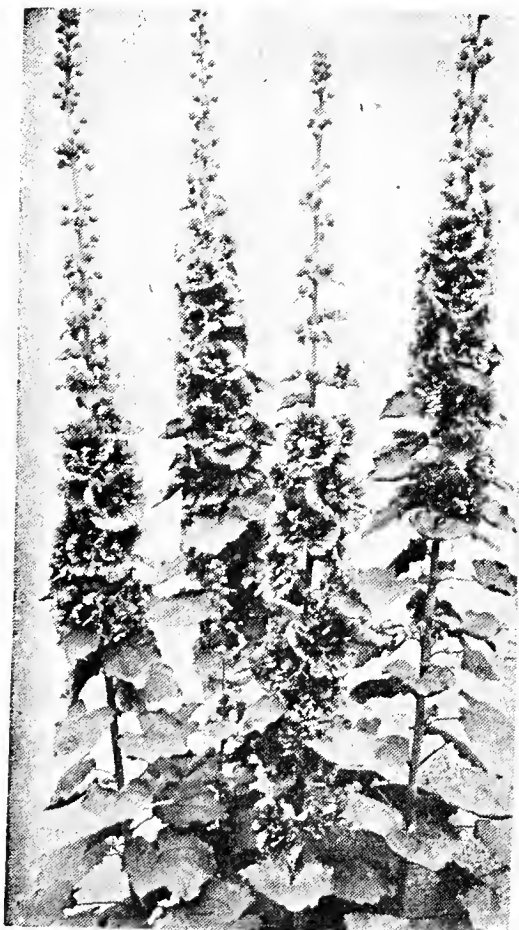




Kudzu Vine



Gaillardia, Dazzler



Hollyhocks

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### EUPHORBIA

(Snow-on-the-Mountain)

Very showy, of easy growth. The plant has bright green leaves and as the summer advances the edges of the leaves become white. They grow well in the sun and do not require any special rich soil. Hardy annual. Plant in March. Two feet in height, very attractive for beds.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

### FORGET-ME-NOT

Sow in early spring and transplant. Fine for shady or moist locations. Half-hardy perennial, 8 inches in height.

Pkt., 5c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 80c.

### FOXGLOVE

Hardy reseeding biennial, a popular favorite in old-fashioned gardens. Height 3 feet. Sow seed early in boxes and transplant.

**FINEST MIXED.** All colors in assortment.  
Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

### FOUR O'CLOCK

Hardy annual of easiest culture. Succeeds best in open situations. Sow in March and April.

**MIXED COLORS.**  
Pkt., 5c; 1/2 oz., 15c; oz., 20c.

### GAILLARDIA

Splendid showy annuals and perennials, remarkable for the profusion and brilliancy of their flowers. Excellent for beds or cutting. Height 1 1/2 to 2 feet.

**BURGUNDY.** Perennial, coppery scarlet.  
Pkt., 10c; 1/4 oz., 70c; 1/2 oz., \$1.00; oz., \$1.75.

**DAZZLER.** Perennial, maroon-red and yellow.  
Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

**PICTA, DOUBLE MIXED.**  
Pkt., 5c; 1/4 oz., 30c; 1/2 oz., 40c; oz., 60c.

### GOMPHRENA

(Globe Amaranth)

Annual, 1 1/2 feet in height. Showy everlasting flowers resemble clover heads and when dried are used for winter bouquets. Excellent for bedding.

**MIXED, ALL COLORS.**  
Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.  
**SEPARATE COLORS.** Pink, Red, Purple, Orange.  
Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 40c; oz., 60c.

### GOURDS

Ornamental annual climbing vines that will grow 10 to 16 feet in height. Excellent for covering walls, fences or waste places.

**MIXED SMALL VARIETIES.**  
Pkt., 5c; 1/2 oz., 15c; oz., 25c.

### GYPSOPHILA

(Baby's Breath)

Small graceful flowers, borne on long feathery stems. No flower adds more grace to a bouquet than this easily grown plant. Sow seed in March and April. Height 18 inches.

**WHITE BABY'S BREATH.** Covent Garden Strain. Annual, large flowering pure white, very showy.  
Pkt., 5c; 1/2 oz., 15c; oz., 20c.

**ROSEA.** Rose-pink, annual.  
Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

**PERENNIAL WHITE.** Double pure white, hardy. Do not confuse this with single, which is much cheaper.  
Pkt., 15c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; 1/2 oz., \$3.25.

### HELICHRYSUM

(Strawflower)

The large glittering colors of double flowers make a fine display in beds or borders, but are especially grown to dry for winter use. For this they should be cut when about one-third open and with as long stems as possible, remove the foliage and tie in bunches, then hang up to dry. Height of plant 2 to 2 1/2 feet. Sow seed in March and April. Thin to 12 inches.

**MIXED.** All colors.  
Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 30c; oz., 45c.

### HOLLYHOCKS

Sow seed in early spring in boxes and transplant when 6 inches high, 2 feet apart.

Plant in rich soil, water well if possible and they will grow 5 feet high. Hollyhocks make a fine background or a tall border; hardy biennial. The beautiful long spikes with their tissue paper-like flowers make a gorgeous display.

**DOUBLE MIXED.** A grand collection of all double Hollyhocks.

Pkt., 10c; 1/4 oz., 50c; 1/2 oz., 75c; oz., \$1.25.

**DOUBLE RED** **DOUBLE PINK**

Price above separate colors Hollyhocks  
Pkt., 10c; 1/4 oz., 60c; 1/2 oz., 90c; oz., \$1.50.

### HYACINTH CLIMBING BEAN

An annual rapid climbing vine that attains a height of 10 to 16 feet; has purple seed pods, rosy violet blooms.

**MLXED COLORS.**  
Pkt., 5c; 1/2 oz., 15c; oz., 20c.

### KOCHIA

(Mexican Fire Bush)

This is a showy annual and easy to grow. Plant in March or April. The plant forms a dense oval bush 2 to 4 feet in height with light green foliage, changing to carmine as the summer advances.

Pkt., 5c; 1/4 oz., 10c; 1/2 oz., 15c; oz., 20c.

### KUDZU VINE

Called by some Jack-and-the-Bean-Stalk Vine. Hardy perennial that grows for many seasons, getting larger and larger each year. Forms a dense shade for porches, arbor walls and is also used for growing in gullies to avoid erosion of the soil. Easily grown from seed.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 30c; oz., 50c.

### LARKSPUR

Free-flowering annuals, easy to grow; effective for beds or massing, and will make fine cutting material. The new colors in Larkspur are beautiful to behold. Sow seed in February or March. Thin to a foot apart. Plants 2 1/2 to 3 feet tall. Larkspur will thrive in almost any soil. They should be planted in an open situation.

**DOUBLE STOCK FLOWERED LARKSPUR**  
Finest mixed, all colors.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

**SEPARATE COLORS STOCK FLOWERED**  
Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

**Los Angeles.** Salmon-pink.  
**Rosamond.** Rose-pink.

**Dark Blue.** Deep blue.  
**Shell-Pink.** Clear pink.

**GIANT DOUBLE IMPERIAL.** Fine mixed, all colors.

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

**SEPARATE COLORS GIANT IMPERIAL**  
Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

**Blue Spire.** Violet-blue.  
**Lilac Spire.** Deep lilac.

**Miss California.** Salmon-pink.

### LINUM (Flowering Flax)

**SCARLET FLAX.** A very attractive annual, growing 8 to 10 inches high. Flowers rich crimson, bloom until frost. Plant in a sunny location.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

**PERENNE.** Blue perennial Flax.  
Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

### LUPIN

Excellent for cutting beds or borders. Easily grown annuals that give a splendid effect.

**ANNUAL MIXED COLORS.**  
Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

**TEXAS BLUE BONNET.** Native light blue flowers, very pretty.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

**PERENNIAL.** Mixed shades; handsome, hardy variety.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 30c; oz., 50c.

**RUSSELL'S LUPINS.**  
Pkt. of 12 seeds, 15c; 50 seeds, 50c; 120 seeds, 95c.

### MIGNONETTE

A well-known hardy annual with very fragrant cone-shaped flower spikes. Plant grows 15 to 18 inches high. Sow in March.

**SWEET MIGNONETTE.**  
Pkt., 5c; 1/2 oz., 15c; oz., 20c.

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### MARIGOLD

No flower stands more hard use in the hottest weather than the Marigold. It will continue to bloom profusely. Sow as soon as the ground is warm, thin to 18 inches. Tender annuals. Excellent for cut flowers.

**SUNRISE MARIGOLD.** Flowers large, bell shaped, brilliant golden yellow. They are 100 per cent double and early.

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 50c; 1/2 oz., 75c.

**CROWN OF GOLD.** The Chrysanthemum top is surrounded by a collar of big broad petals of deep bright golden orange. The crown is the same color. The large flowers are entirely odorless. Grows 2 feet tall.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 50c.

**DIXIE SUNSHINE.** One of the finest nearly odorless bright yellow double Marigolds. Flowers 2 1/2 inches across and free blooming.

Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**GIGANTEA SUNSET GIANTS.** Flowers average 5 inches across, ranging in color from deep orange to lemon-yellow and will come 65 per cent double; sweetly scented, almost odorless. Blooms early. 3 feet in height.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; 1/2 oz., 90c.

**GUINEA GOLD.** Grows 2 feet high. Flowers semi-double, 2 inches across with wavy petals of a brilliant shade of orange and gold.

Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

**YELLOW SUPREME.** A beautiful clear, canary-yellow flower, which is 3 to 4 inches across.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 50c.

**PRINCE OF ORANGE.** Stiff stemmed, large African Marigold, deep orange in color.

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 50c; 1/2 oz., 75c.

**AFRICAN DOUBLE TALL MIXED.** 30 inches. A mixture of all tall African double varieties.

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 60c.

**FRENCH DOUBLE TALL MIXED.** This class has compact firm blooms, all colors mixed. Plant grows 24 inches high.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

**FRENCH DOUBLE DWARF MIXED.** Splendid for borders, plants compact, 15 to 18 inches high, free-blooming.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

**FRENCH DWARF DOUBLE ORANGE.** Has beautiful ball-shaped all-orange flowers. Plants compact, 12 to 15 inches high.

Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 35c; oz., 50c.

**FRENCH DWARF DOUBLE HARMONY.** Flowers medium size, very double with deep orange petals flanked with maroon, brown outside. Plants 12 to 14 inches in height.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 45c.

**ROYAL SCOT.** All-double, rich mahogany and gold in uniform stripes.

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 50c; 1/2 oz., 75c.

**FRENCH DWARF DOUBLE LEMON BALL.** Beautiful ball shaped lemon colored flowers. Plants compact, 15 to 18 inches high.

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 35c; oz., 50c.

### MORNING GLORY

Fine for covering a trellis or back fence. They grow quickly 15 feet or more. Soak the seed 6 hours, then plant in April and May.

**SCARLETT O'HARA.** Rich dark wine red.

Very large and showy for fences or trellis.

Pkt., 15c; 2 pkts., 25c; 1/8 oz., 50c; 1/4 oz., 75c.

**CLARK'S BLUE.** Exceptionally fine very early, tall growing variety; produces a mass of large beautiful light blue flowers 2 1/2 to 4 inches across. A continuous bloomer.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 40c; 1/2 oz., 60c; oz., 95c.

**JAPANESE MIXED.** Of vigorous growth, flowers fringed, very large, in all beautiful shades.

Pkt., 5c; 1/2 oz., 15c; oz., 25c.

**CHOICE MIXED.** Flowers bell-shaped, in many colors.

Pkt., 5c; 1/2 oz., 10c; oz., 15c.

### MOONFLOWER

Rapid-growing climbers with large brilliantly colored blooms. Seed should be cut, then soaked in warm water to get good germination. Plant when ground is warm.

**WHITE.** Flowers large, pure white, and bloom evenings; of vigorous growth.

Pkt., 10c; 1/4 oz., 15c; 1/2 oz., 25c; oz., 40c.

**HEAVENLY BLUE.** Flowers large, sky-blue with white throat.

Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 60c; oz., 90c.

### NASTURTIUMS

Succeed best in poor gravelly soil. Plant early in March, thin to 6 inches apart. Half-hardy annual.

**DOUBLE GOLDEN GLEAM.** Semi-trailing, golden yellow colored, very fragrant.

Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; lb., 95c.

**DOUBLE SCARLET GLEAM.** Double sweet scented fiery orange-scarlet. Plant semi-trailing.

Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; lb., 95c.

**DOUBLE GLORIOUS GLEAM HYBRIDS.** Semi-tall. A mixture of many gorgeous flowers on long stems, sweet scented.

Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 60c; lb., 95c.

**DWARF MIXED.** All dwarf varieties in a fine combination of colors, fine for borders or beds.

Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 60c.

**TALL MIXED.** Excellent for trellises or hanging baskets, etc.

Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 60c.

### NICOTIANA

Annual, 2 feet in height. Flowers the first season, adapted to almost any situation.

**MIXED COLORS.**

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 65c.

### PANSIES

Sow seed indoors very early in spring or outdoors later in the open ground. Transplant when an inch high. Tender perennials.

**ROGGLI, SWISS GIANT.** New hybrids that have created quite a sensation among pansy growers. Blooms measure 2 to 3 inches across. Mixed colors.

Pkt., 15c; 1/16 oz., 75c; 1/8 oz., \$1.00; 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$4.00.

**ALL-AMERICAN PANSY.** A glorious combination, the blossoms are extra size, waved and frilled, with beautiful markings, in a wonderful range of colors.

Pkt., 15c; 1/16 oz., \$1.00; 1/8 oz., \$1.50; 1/4 oz., \$2.00; 1/2 oz., \$3.00; oz., \$5.00.

**GIANT FLOWERING.** A grand mixture of large-flowering varieties, producing showy blooms.

Pkt., 10c; 1/16 oz., 50c; 1/8 oz., 75c; 1/4 oz., \$1.00; 1/2 oz., \$1.50; oz., \$2.50.

**CHOICE MIXED.** Valuable for bedding. Contains many fine colors in mixture.

Pkt., 5c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

**OVERTON PARK MIXTURE.** In our own parks in Memphis you will see this splendid variety in bloom. Flowers very large.

Pkt., 15c; 1/16 oz., \$1.00; 1/8 oz., \$1.50; 1/4 oz., \$2.25; 1/2 oz., \$3.50; oz., \$6.00.

### PETUNIAS

Highly prized for use in beds, massing, borders, window boxes, baskets and vases; easily grown, and produce fragrant blossoms no matter how hot it gets the entire season. Sow thinly in March or April and do not cover seed very deep.

#### PETUNIA NANA ERECTA

These grow erect and bushy, 10 to 12 inches high. Desirable for beds; single flowers.

**BLUE BEDDER.** Rich royal blue, a beautiful attractive shade.

Pkt., 10c; 1/16 oz., 35c; 1/8 oz., 45c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**CELESTIAL ROSE.** Beautiful deep solid bright pink color.

Pkt., 10c; 1/16 oz., 50c; 1/8 oz., 75c; 1/4 oz., \$1.00; 1/2 oz., \$1.50.

**ROSE OF HEAVEN.** Brilliant rose-pink, a slightly darker shade than Rosy Morn.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.

**ROSY MORN.** Height 12 inches. Clear pink with a broad white throat.

Pkt., 10c; 1/8 oz., 45c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**SNOWBALL.** Compact, bushy plants with snow-white flowers.

Pkt., 10c; 1/8 oz., 45c; 1/4 oz., 75c; 1/2 oz., \$1.25.

**MIXED NANA ERECTA.** All shades and colors of the Dwarf Petunias in mixture.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.



Lupines



Pansy, Overton Park Mixture



Marigold, Guinea Gold



## PRICES ON ALL FLOWER SEEDS ARE POSTPAID

### PETUNIA HYBRIDA

These grow 1 1/2 feet tall and form bushy plants.

**BLUE BEE.** Deep velvet-violet-blue.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**BURGUNDY.** Wine-red with showy white throat, very showy.

Pkt., 15c; 2 pkts., 25c; 5 pkts., 55c; 1/16 oz., \$2.50.

**FLAMING VELVET.** Velvety rich blood-red, semi-dwarf, very beautiful.

Pkt., 15c; 1/16 oz., 75c; 1/8 oz., \$1.00; 1/4 oz., \$1.50.

**GENERAL DODDS.** Single, large oxblood-red blooms.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**PURE WHITE.** A beautiful snow-white flower; distinct, very showy.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 40c; 1/2 oz., 60c.

**VIOLET-PURPLE.** A mid-blue color; blooms large and of a lovely form.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**GIANT FLOWERING MIXED.** Hybrid type with large single bold flowers in a wide range of colors that attract attention.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.25.

**CHOICE MIXED.** Fine for bedding, gives a mass of beautiful single flowers.

Pkt., 5c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 40c; oz., 65c.

### LARGE FLOWERING PETUNIA

**PURPLE BEAUTY.** A large flower, beautifully fringed or frilled; of a rich royal purple.

Pkt., 25c; 2 pkts., 45c.

**GIANTS OF CALIFORNIA.** Ruffled, single flowers of large size in beautiful colors.

Pkt., 25c; 2 pkts., 45c.

**DOUBLE LARGE FLOWERING.** A mixture of double varieties of marvelous beauty. Height 14 inches.

Pkt., 25c; 2 pkts., 45c.

### PETUNIA, BALCONY

Single, large flowering type. Especially adapted for porch boxes, baskets and urns.

**BALCONY BLUE.** Rich violet-blue.

**BALCONY RED.** Showy bright crimson.

**BALCONY ROSE.** Clear rose-pink.

**BALCONY WHITE.** Beautiful clear white.

**BALCONY MIXED.** All colors in mixture.

Prices above five varieties Balcony Petunias: Pkt., 15c; 2 pkts., 25c; 1/16 oz., 75c.

### PHLOX DRUMMONDI

One of the prettiest annuals, of easy culture and should be in every garden. Remarkable for its blooming qualities.

**GIGANTEA ART SHADES.** In addition to its enormous flowers it has a most wonderful range of soft colors blended together.

Pkt., 10c; 1/16 oz., 35c; 1/8 oz., 50c; 1/4 oz., 75c; 1/2 oz., \$1.00; oz., \$1.50.

**MAMMOTH-FLOWERING.** Splendid large flowers in a beautiful mixture. Height 15 inches.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.25.

**CHOICE MIXED.** Annual varieties, mixed colors.

Pkt., 5c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.25.

**FIREBALL.** Flowers large, blood-red.

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 50c; 1/2 oz., 85c.

**ROSEA.** Bright pink. Very beautiful.

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 50c; 1/2 oz., 85c.

**SNOWBALL.** Large, clear snow-white.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; 1/2 oz., 95c.

### DWARF PHLOX

(Nana Compacta)

Very dwarf growth, fine for edging borders or beds. Annual, 8 inches in height.

**MIXED COLORS.**

Pkt., 10c; 1/16 oz., 30c; 1/8 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.10.

### PERENNIAL PHLOX

**MIXED COLORS.**

Pkt., 10c; 1/16 oz., 35c; 1/8 oz., 50c; 1/4 oz., 75c; 1/2 oz., \$1.25.

### PINKS (Dianthus)

Hardy and half-hardy perennials and biennials, but nearly all bloom the first season from seed. Sow in April and May.

**CHINA DOUBLE.** Popular Indian-pink double flowers in mixed colors.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 25c; oz., 35c.

**DIADEM DOUBLE.** Diadematus double, mixed colors.

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 70c.

**CLOVE PINK (Dianthus plumarius).** Free blooming, has spicy odor, mixed colors.

Pkt., 10c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.25.

**SWEET WIVELSFIELD.** Blooms the first season from seed if planted early. Mixed colors.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 70c.

### PORTULACA

Also known as Rose Moss. Annual. Six inches in height. Sow in March or April.

**SINGLE MIXED.** All colors.

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 70c.

**DOUBLE MIXED.** Brilliant colors.

Pkt., 10c; 1/4 oz., 65c; 1/2 oz., \$1.00; oz., \$1.50.

### POPPIES

Sow early where they are to bloom as they will not admit transplanting. Successive sowings insure continuous blooms. Annual. 18 to 20 inches.

**CARNATION-FLOWERING.** Large flowering with fringed petals and many stripes; double. Mixed colors.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 25c.

**PEONY-FLOWERING.** Double ball-shaped flowers with plain edges, mixed colors.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 25c.

**SALMON ROSE.** Large fringed flowers, measuring 5 inches across, with very large white center. Double flowers.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 25c; oz., 35c.

**SHIRLEY.** These have beautiful satiny flowers of various colors, all with white centers. Single mixed annual.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 25c; oz., 40c.

**DOUBLE PINK.** Salmon-pink.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 25c; oz., 40c.

**DOUBLE RED.** Rich scarlet.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 25c; oz., 40c.

**DOUBLE FINE MIXED COLORS.**

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 25c.

**DWARF SINGLE ANNUAL MIXED.**

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 25c.

### PERENNIAL POPPIES

Sow February to July. Some will bloom the first year from seed.

**ORIENTAL MIXED.**

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; 1/2 oz., 90c; oz., \$1.50.

### SALVIA or SCARLET SAGE

A hardy annual that blooms the first season from seed. Sow seed in boxes and transplant outdoors in May, eight inches apart.

**CLARA BEDMANS.** Rich brilliant scarlet. eight inches.

Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 75c; 1/2 oz., \$1.15.

**SPLENDENS (Scarlet Sage).** The standard good variety, dependable.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; 1/2 oz., 90c.

**PATENS.** Intense blue, free bloomer, 3 feet high.

Pkt., 15c; 1/8 oz., 60c; 1/4 oz., 90c; 1/2 oz., \$1.50.

### SCABIOSA

(Pincushion Flower)

Growth 2 1/2 feet in height; excellent for cutting. Blooms early in July. Sow seed in March, thin plants to 8 inches. Annual.

**MIXED COLORS.**

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 35c; oz., 50c.

**IMPERIAL GIANTS, BLUE MOON.** Very double, large flowers, 2 3/4 inches across. The color is a rich, deep lavender blue, fine for cut flowers.

Pkt., 15c; 1/16 oz., 45c; 1/8 oz., 75c; 1/4 oz., \$1.25.

### SUNFLOWER

Showy, easily grown annual flowers, mostly yellow. Plant in April and May.

**DOUBLE DWARF.** 4 feet. Orange-yellow. Flowers large and double.

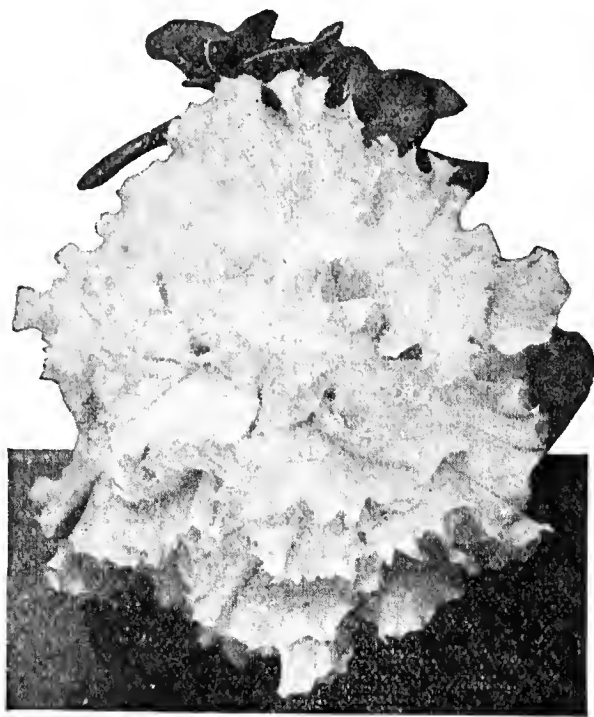
**GLOBE OF GOLD.** Six feet. Free blooming, double globe or dahlia-like saffron flowers. Above two varieties: Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 60c.

### STATICE

An easily grown annual. Sow in March or April, transplant 12 inches apart. Excellent everlasting flower.

**MIXED COLORS.**

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.



Petunia, Double Large Flowering



Oriental Poppies



Phlox, Snowball

**PRICES ON ALL FLOWER SEEDS ARE POSTPAID**

## STOCKS

Half-hardy annual; better known as Gilly Flower. Sow seed indoors and transplant in April and May in a cool situation. Stocks are good for bedding, borders, pot culture or bouquets, and will come about 60 per cent double from seed.

**DOUBLE PERFECTION.** Extra large, exceedingly handsome, 18 inches, flowers very double with long spikes; very fragrant. Mixed colors.  
Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

## SWEET WILLIAM

Hardy biennial. 18 inches. These favorite garden flowers are showy and have a long blooming period. They grow readily from seed and will flower the first season when sown early in boxes or beds and transplanted. They thrive in any soil or situation.

**SINGLE MIXED.**  
Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 65c.

**DOUBLE MIXED.**  
Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 65c.

**NEWPORT PINK.** Large, solid pink.  
Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 65c.

## TEXAS BLUE BONNET

Hardy annual. Sow in March and April. Fine for cutting; flowers charming blue.

Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 20c; oz., 30c.

## THUNBERGIA

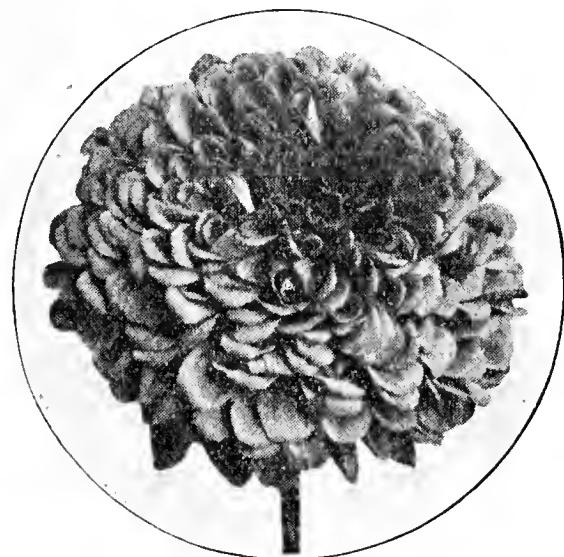
Tender annual. Plant in April. Fine for hanging baskets or trellis work. Flowers yellow-buff with a black center.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 70c.

## TITHONIA

Early flowering. Splendid for background or clumps. Commonly known as Mexican Sunflower. Height 8 feet. Sow in April or May, thin to 3 feet.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00.



Dahlia-Flowered Zinnia

## DAHLIA-FLOWERED ZINNIA

A beautiful variety, very large and as graceful in appearance as the decorative Dahlia. Flowers often measure 5 to 6 inches in diameter and are produced in magnificent colors. Height of plants 3 feet.

**CANARY BIRD.** Canary-yellow.  
**CRIMSON MONARCH.** Deep crimson.  
**EXQUISITE.** Light rose.

**GOLDEN STATE.** Yellow-orange.

**LUMINOSA.** Bright pink.

**POLAR BEAR.** Creamy white.

**PURPLE PRINCE.** Deep purple.

**MIXED.** All colors.

Price, above Dahlia-Flowered Zinnias: Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c.

**TALL DOUBLE.** Fine for beds, groups or cut flowers. Height 2 feet. Mixed colors.

Pkt., 5c; 1/4 oz., 20c; 1/2 oz., 30c; oz., 45c; 1/4 lb., \$1.25.

## TORENIA

Annuals. Sow early indoors and transplant 8 to 12 inches apart. Globular plants literally covered with lovely, richly colored, snapdragon-like flowers of a delightful blue. Height 10 inches.

Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 90c; oz., \$1.50.

## VINCA

Ornamental free-blooming plants with dark green foliage and pink and white flowers. Sow seed in boxes in March and transplant to the open in May. Height 12 inches.

**ALBA.** Snow-white.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00.

**ROSEA.** Soft pink.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 60c; oz., \$1.00.

**MIXED.** Pink, pink-eye, and white.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 90c.

## VERBENAS

Sow seed in boxes or frame early. Transplant to the open during May when young plants have 3 or 4 heads, or you can sow seed in open ground about April 10th to 15th.

**BEAUTY OF OXFORD.** These hybrids show colors from rose-pink to rose-red and have bright, attractive blooms of large clusters an inch or more in diameter.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 70c; 1/2 oz., \$1.25.

**SPECTRUM RED.** Bright red without an eye; florets about one inch in diameter—a gorgeous color.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.00.

# California Zinnias

Most gorgeous and beautiful annuals in a wide range of color. Sow seed after danger of frost is over in well-fertilized beds and keep plants well watered. Thin plants to 12 to 15 inches in the row and have rows wide enough to work, or they can be used for massing. The dwarf varieties make excellent borders or beds. Grow them in a sunny location. Do not endeavor to have good Zinnias and plant near large trees. If you sow only one annual flower, let it be Zinnia. Late sowings can be made up to July 15th and they will produce most beautiful blossoms.

## FANTASY ZINNIAS

These have twisted, curled and quilled petals. The blooms are large and full. They are something so different that you will be more than delighted with the Fantasy class of Zinnia.

**ORANGE LADY.** Deep bright orange.

Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**ROSALIE.** Rich intense rose.

Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**WHITE LIGHT.** Nearly pure white.

Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**STAR DUST.** Rich yellow.

Pkt., 15c; 1/8 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.00.

**MIXED.** A colorful combination of all Fantasy Zinnias.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 50c.

## LILLIPUT or POMPON ZINNIAS

Pretty compact type producing small double flowers. Height 15 inches.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c.

**PINK GEM.** Pink.

**SCARLET GEM.** Scarlet.

**WHITE GEM.** White.

**GOLDEN GEM.** Yellow.

**PURPLE GEM.** Purple.

**PASTEL MIXTURE.**

**TOM THUMB LILLIPUT ZINNIAS.** 6 to 8 inches high. Mixed varieties.

Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c.

## SPECIAL OFFER

One packet each Five Fantasy Zinnias, only 49c, postpaid.

## CUPID ZINNIA

These are very dwarf, 12 inches in height. They form compact well-formed plants and the flowers are small, button-like, mixed colors.

Pkt., 15c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

## SCABIOSA-FLOWERED ZINNIA

Resemble the annual Scabiosa. Plants 2 1/2 feet in height and the medium size blooms are produced in great profusion.

Pkt., 15c; 1/8 oz., 35c; 1/4 oz., 50c; 1/2 oz., 85c.

**MAMMOTH FLOWERING VERBENAS.** To color. Mammoth Pink, Mammoth Crimson, Mammoth Purple, and Mammoth White.

Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 45c; 1/2 oz., 75c.

**MAMMOTH FLOWERING MIXED.** This is the grandiflora mammoth flowering type containing all the larger or giant-flowering varieties in mixture.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 70c; oz., \$1.20.

**CHOICE MIXED.** Hybrid type, very free blooming. Mixed, all colors.

Pkt., 5c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 65c.

## MIXTURES OF FLOWER SEEDS

**CUT FLOWER MIXTURE.** This is a mixture of all varieties that are best adapted for cut flowers in a wide range of colors.

Pkt., 5c; 1/2 oz., 15c; oz., 20c; 1/4 lb., 50c; 1/2 lb., 90c; lb., \$1.50.

**EVERLASTING FLOWER MIXTURE.** An assortment of all the everlasting flowers in a splendid mixture. You will find this novel and very interesting.

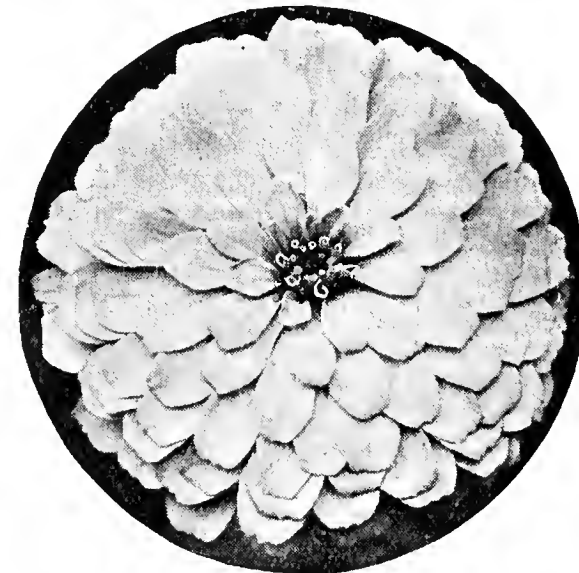
Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 85c; 1/2 lb., \$1.50; lb., \$2.50.

**CALIFORNIA NATIVE FLOWERS.** This mixture is quite distinct, since it contains many of the native varieties of annual flowers in mixture that are grown in California. They do equally as well in the South.

Pkt., 5c; 1/2 oz., 15c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25; lb., \$2.00.

**WILD FLOWER GARDEN MIXTURE.** A haphazard mixture—not a tame garden of wild flowers but a wild garden of tame flowers.

Pkt., 5c; 1/2 oz., 15c; oz., 20c; 1/4 lb., 50c; 1/2 lb., 90c; lb., \$1.50.



California Giant Zinnia

## CALIFORNIA GIANT ZINNIAS

This is a colossal Giant type with large flowers, immense, broad, nearly flat flowers in a gorgeous assortment of colors. Splendid for cutting or garden effect. Plants grow 3 to 4 feet in height.

**BRIGHTNESS.** Bright pink.

**CRIMSON QUEEN.** Rich crimson.

**ENCHANTRESS.** Rose-pink.

**GOLDEN QUEEN.** Golden yellow.

**LAVENDER GEM.** Clear lavender.

**ORANGE QUEEN.** Clear orange.

**PURITY.** Newest white.

**ROSE QUEEN.** Bright rose.

**VIOLET QUEEN.** Deep purple.

**MIXED.** All colors.

Price, above California Giant Zinnias: Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 30c; 1/2 oz., 45c; oz., 75c.





Giant Spencer Sweet Peas



**Culture**—Sow from October to April, weather permitting. Cover seed 2 to 4 inches, according to depth of your trench. The soil for Sweet Peas should be rich, deep and well drained. On high and dry soils they may be sown in drills from 4 to 6 inches deep, covered with an inch or two of soil pressed firmly, and the furrow filled in as the plants grow. When the plants are well above the ground, they should be thinned out so as to be at least from 2 to 4 inches apart.

**GIANT LATE FLOWERING SPENCERS.** Hardy, vigorous growers with branching vines. The large, queenly blossoms are beautifully waved, and are borne three to four on fine, long stems.

Price any of the following varieties: Postpaid, pkt., 10c; oz., 15c; 2 ozs., 25c; 1/4 lb., 45c; 1/2 lb., 80c; lb., \$1.50.  
**Admiral.** Deep blue.  
**Ambition.** Lavender lilac.  
**Brilliant Rose.** Rose.  
**Chieftain.** Satiny mauve.  
**Chinese Blue.** Blue.  
**Cissie.** Light salmon.  
**Leviathan.** Clear rich maroon.  
**Master Cream.** Beautiful cream.  
**Miss California.** Deep pink.  
**Olympia.** Richest purple.  
**Patricia Unwin.** Cream pink.  
**Pinkie.** Clear rose pink.  
**Red Boy.** Rich crimson.  
**Smiles.** Shrimp pink.  
**Snow Ball.** Pure white.

**GIANT LATE FLOWERING MIXED SPENCERS.** Contains many of the above varieties as well as others not listed, and will produce a great abundance of giant flowers in beautiful colors.

Postpaid, pkt., 5c; oz., 10c; 1/4 lb., 35c; 1/2 lb., 60c; lb., \$1.00.

**EVERLASTING SWEET PEAS.** (A perennial.) These live year after year bearing beautiful clusters of flowers from early spring until late in the season. Mixed pink and white. Postpaid, pkt., 10c; 1/2 oz., 20c; oz., 30c; 1/4 lb., 90c.

**GIANT EARLY FLOWERING SPENCERS.** Quick growers, starting to flower at an early stage, and will furnish an abundance of blooms before extreme hot weather sets in.

Price of any of the following varieties: Postpaid, pkt., 15c; oz., 35c; 2 ounces, 60c; 1/4 lb., 90c; 1/2 lb., \$1.60; lb., \$2.95.

**Ball's Rose.** Rose pink.  
**Harmony.** Clear lavender.  
**Hope.** Pure white.  
**Mariner.** Marine blue.  
**Red Chief.** Oxblood crimson.  
**Shirley Temple.** Rose pink.

**GIANT EARLY FLOWERING MIXED SPENCERS.** Contains a beautiful assortment of the above varieties and others.

Postpaid, pkt., 10c; oz., 20c; 2 ozs., 35c; 1/4 lb., 60c; 1/2 lb., \$1.10; lb., \$1.95.

**GIANT RUFFLED SPENCERS.** A beautiful new class. The flowers are large, distinct, extra ruffled and waved.

Price of any of the following varieties: postpaid, pkt., 10c; oz., 20c; 2 ozs., 35c; 1/4 lb., 65c; 1/2 lb., \$1.15; lb., \$2.00.

**Beauty.** Pink and amber.  
**Bonny Ruffles.** Salmon pink.  
**Burpee Blue.** Dark blue.  
**Heyday.** Deep rose pink.  
**Sparkle.** Glowing cerise.  
**White.** Pure white.

**GIANT RUFFLED MIXED SPENCER.** Contains a wide range of color beautifully blended.

Postpaid, pkt., 10c; oz., 15c; 2 ozs., 25c; 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.25.

**ECKFORD'S GRANDIFLORA SWEET PEAS.** The blossoms are not as large as Spencers but they bloom better and longer. Mixed colors. Postpaid, pkt., 5c; oz., 10c; 2 ozs., 15c; 1/4 lb., 25c; 1/2 lb., 40c; lb., 65c.

## INOCULATE SWEET PEAS

If you want large blossoms and more of them, inoculate the seed before planting. Directions with package. Price, pkg., 10c; postpaid.

## Top Notch Miscellaneous Bulbs

### LILIES

Plant early in March or April, 5 inches deep in well-drained soil. Partly shaded locations are advised for most all Lilies.

**LILIUM ALBUM.** Hardy white and very fragrant. Postpaid, each, 35c; 3 for 85c; 12 for \$2.80. Not prepaid, each, 30c; 3 for 75c; 12 for \$2.60.

**LILIUM AURATUM.** White dotted crimson with golden band through each petal. Postpaid, each, 25c; 3 for 60c; 12 for \$2.00. Not prepaid, each, 20c; 3 for 50c; 12 for \$1.80.

**LILIUM RUBRUM.** White with red spots. Postpaid, each, 25c; 3 for 60c; 12 for \$2.00. Not prepaid, each, 20c; 3 for 50c; 12 for \$1.80.

**LILIUM PHILIPPINENSE.** White, slightly marked reddish brown, easy to grow. Postpaid, each, 25c; 3 for 60c; 12 for \$1.95. Not prepaid, each, 20c; 3 for 50c; 12 for \$1.80.

**REGAL LILY.** Beautiful hardy lily with large trumpet-shaped sweet-scented flowers. Ivory-white, shaded pink; yellow at base. Large bulbs, postpaid, each 30c; 3 for 60c; 12 for \$2.00. Not prepaid, each, 20c; 3 for 50c; 12 for \$1.80.

**CORAL LILY.** Bright coral-red of easy culture. Postpaid, each, 20c; 3 for 45c; 12 for \$1.40. Not prepaid, each, 15c; 3 for 35c; 12 for \$1.20.

**TIGER LILY.** Double orange-scarlet, grows anywhere. Postpaid, each, 20c; 3 for 50c; 12 for \$1.55. Not prepaid, each, 15c; 3 for 40c; 12 for \$1.40.

### AMARYLLIS

Plant outdoors in part shade or you can plant in pots. They will bloom most anywhere.

**GIANT AMERICAN HYBRID.** Mixed colors. Large bulbs. Postpaid, each, 40c; 3 for \$1.10; 6 for \$1.85. Not prepaid, each, 35c; 3 for \$1.00; 6 for \$1.75.

### CANNA BULBS

Plant 3 to 4 inches deep and 18 to 24 inches apart as soon as the frost is out of the ground. Cover with leaves or mulch when first planted.

All prices uniform as follows: Postpaid, 6, 45c; doz., 70c; 50, \$2.20; 100, \$3.95. No prepaid, 6, 35c; doz., 60c; 50, \$2.00; 100, \$3.60.

**HUNGARIA.** (4 feet.) Rich rosy pink blooms with green foliage.

**KING HUMBERT.** (5 feet.) Deep fiery orange-red with bronze foliage.

**THE PRESIDENT.** (4 feet.) Brilliant crimson flowers, bright green foliage.

**YELLOW KING HUMBERT.** (5 feet.) Lemon-yellow, stippled red, foliage green.

### PEONIES

Peony bulbs should be planted shallow so tip is just at top of the ground. Plant them in February or March 3 to 4 feet apart.

Price, any of the following varieties: Postpaid, each, 30c; 6 for \$1.50; 12 for \$2.65. Not prepaid, each, 25c; 6 for \$1.35; 12 for \$2.40.

**AUGUSTINE D'HOOR.** Brilliant rose red.

**AVALANCHE.** White flaked crimson.

**FELIX CROUSSE.** Rich dazzling red.

**MAD. EMILE LEMOINE.** Large, double pure white.

**MONSIEUR JULES ELIE.** Glossy lilac pink.

**TRIUMPH DE LILLE.** Large, deep pink.

### BULBS FOR FALL PLANTING

Holland and Native Grown  
 Tulips, Hyacinths, Crocus, Narcissus, etc.

Write for Descriptive Price List in Colors

Ready September 1st



Caladiums or Elephant Ears

### CALADIUM or ELEPHANT EAR

Plant 4 inches deep, 18 inches apart, in March and April. Fertilize and water well all during the summer.

Large bulbs: Postpaid, each, 35c; 6 for \$1.20; 12 for \$2.10. Not prepaid, each, 25c; 6 for \$1.00; 12 for \$1.80.

Medium bulbs: Postpaid, each, 20c; 6 for 75c; 12 for \$1.15. Not prepaid, each, 15c; 6 for 60c; 12 for 95c.

Small bulbs: Postpaid, each, 15c; 6 for 55c; 12 for 90c. Not prepaid, each, 10c; 6 for 45c; 12 for 75c.

### TUBEROSES

Plant in March or April, 2 inches deep and 12 inches apart. Trim roots from bulb before planting.

**DOUBLE PEARL** **SINGLE EVERBLOOMING**  
 Price, either variety: Postpaid, 6 for 35c; doz., 55c; 50, \$1.75; 100, \$3.20. Not prepaid, 6 for 25c; doz., 45c; 50, \$1.60; 100, \$2.95.

## Top Notch Gladiolus Bulbs

Plant in March, April, and up to July. Set bulbs 6 inches apart and 4 inches deep. Gladiolus are easy to grow and you will be well repaid when you see the beautiful blooms. Our bulbs are all No. 1 size. We do not handle the small grade which seldom give satisfaction, nor do we handle the very large bulbs which are no better but more expensive.

### STANDARD GLADIOLUS

Prices of these 12 varieties: Postpaid, 1/2 doz., 25c; doz., 45c; 25, 75c; 50, \$1.30; 100, \$2.20. Not prepaid, 1/2 doz., 20c; doz., 35c; 25, 60c; 50, \$1.10; 100, \$1.95.

(E) Early (M) Midseason (L) Late  
BETTY NUTHALL. (L) Orange pink, lighter throat.

BERTY SNOW. (LM) New rosy lavender.

CHARLES DICKENS. (M) Bright violet purple.

DEBONAIR. (L) Lafrance pink, shading to shrimp.

DR. F. E. BENNETT. (EM) Brilliant orange scarlet.

GIANT NYMPH. (M) Popular pink.

GOLDEN DREAM. (L) Clear deep yellow.

MRS. LEON DOUGLAS. (M) Salmon rose pink.

PFITZER'S TRIUMPH. (EM) Bright orange.

W. H. PHIPPS. (L) Lafrance pink.

PICARDY. (LM) Soft shrimp pink.

PRIMROSE PRINCESS. (L) Primrose yellow.

### STANDARD MIXED

Made up from the standard sorts of Gladiolus and contains a good, showy range of colors.

Postpaid, 1 doz., 35c; 25, 60c; 50, 95c; 100, \$1.50; 500, \$6.10. Not prepaid, 1 doz., 25c; 25, 45c; 50, 75c; 100, \$1.25; 500, \$5.50; 1,000, \$10.00.

### EXHIBITION GLADIOLUS

Prices on these 12 varieties: Postpaid, 1/2 doz., 35c; doz., 60c; 25, \$1.00; 50, \$1.80; 100, \$3.20. Not prepaid, 1/2 doz., 30c; doz., 50c; 25, 85c; 50, \$1.60; 100, \$2.95.

(E) Early (M) Midseason (L) Late

ALBATROS. (EM) Pure white.

BAGDAD. (M) Smoky old rose.

CADILLAC. (M) Golden apricot yellow.

COMMANDER KOEHL. (M) Dark scarlet red.

DR. NELSON SHOOK. (M) Ruffled, deep rose.

DUNA. (M) Pinky buff, shading to yellow.

MAID OF ORLEANS. (M) Milky white.

MARGARET FULTON. (E) Clear dark salmon.

MINUET. (LM) Beautiful clear lavender.

PELEGRINA. (E) Large, dark blue.

RED PHIPPS. (E) Warm light red.

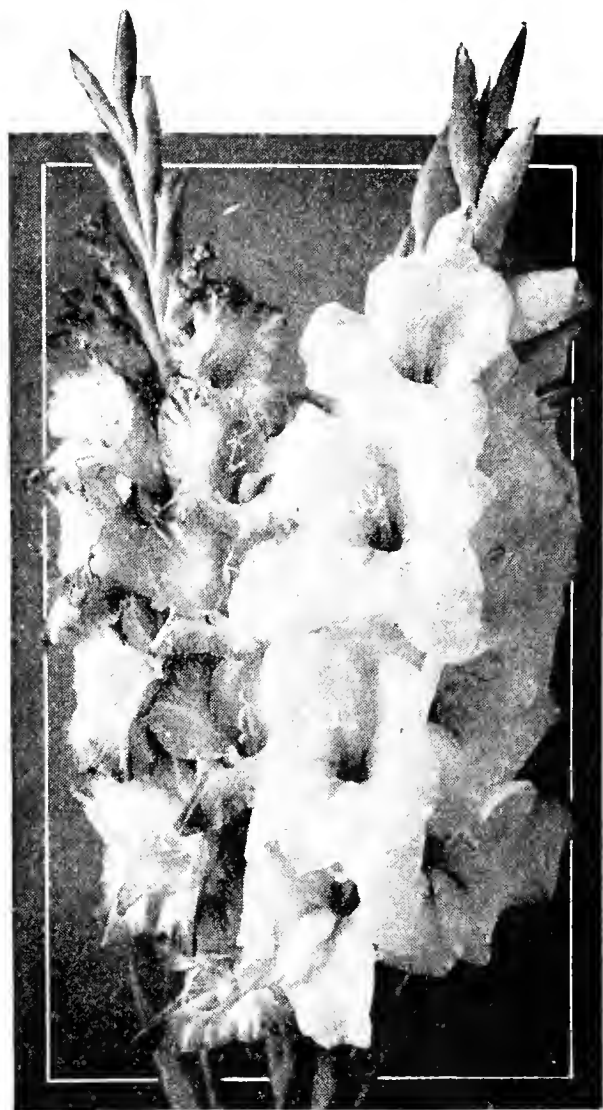
WASAGA. (M) Clear glowing buff.

### EXHIBITION MIXED

Made up from the exhibition sorts of Gladiolus and contains a wide range of colors.

Postpaid, 1 doz., 45c; 25, 80c; 50, \$1.30; 100, \$2.20; 500, \$8.35. Not prepaid, 1 doz., 35c; 25, 65c; 50, \$1.10; 100, \$1.95; 500, \$7.75; 1,000, \$14.50.

SEE INSIDE BACK COVER FOR RAINBOW COLLECTION OF GLADIOLUS



Exhibition Gladiolus

## Top Notch Dahlia Bulbs

Our Dahlia bulbs are all grown by specialists. All bulbs are inspected to see that they are good and sound. Each bulb is individually wrapped and labeled and guaranteed true-to-name. Dahlia bulbs cannot be shipped until early in March.

### EXHIBITION DECORATIVE

Postpaid, each, 35c; 3 for 90c; 6 for \$1.65. Not prepaid, each, 30c; 3 for 80c; 6 for \$1.50.

KATHLEEN NORRIS. True rose pink.

DWIGHT W. MORROW. Deep maroon red.

THOMAS A. EDISON. Dark velvet purple.

LORD OF AUTUMN. Deep golden yellow.



Kathleen Norris Dahlia

### STANDARD DECORATIVE

Postpaid, each, 20c; 6 for 85c; 12 for \$1.40. Not prepaid, each, 15c; 6 for 75c; 12 for \$1.25.

AGNES HAVILAND. Pink and yellow.

BARBARA REDFERN. Large old gold and rose.

CHARM. Burnt orange.

DOROTHY SAGER. Salmon and orange.

ELIZABETH SLOCOMBE. Red purple.

ELLINOR VANDERVEER. Rosy pink.

JANE COWL. Buff and salmon.

JEAN KERR. White.

JERSEY BEAUTY. Pink.

JUDGE ALTON B. PARKER. Yellow buff.

JUDGE MAREAN. Orange and red.

MARGARET WOODROW WILSON. White suffused pink.

MINA BURGLE. Red.

MONMOUTH CHAMPION. Orange flame.

MRS. CARL SALBACH. Lavender pink.

MRS. I. DE VER WARNER. Orchid lavender.

OREGON BEAUTY. Scarlet.

THE COMMODORE. Large clear yellow.



Decorative Dahlias

### DAHLIA COLLECTION

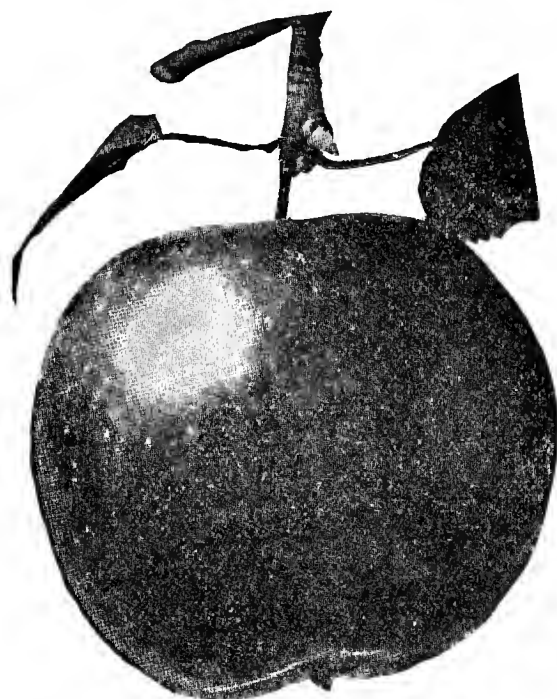
One each of the following six varieties, Postpaid only 79c

Charm	Oregon Beauty
Jane Cowl	Mrs. I. De Ver Warner
Jersey Beauty	The Commodore



# RUSSELL-HECKLE'S NURSERY STOCK

SHIPMENTS MADE FROM NURSERY PROMPTLY—WEATHER PERMITTING



Grimes Golden Apple

## PLANTING DISTANCES

Kind	Feet Apart
Apple .....	20 to 40
Apricot .....	20 to 24
Cherry .....	18 to 24
Fig .....	10 to 12
Mulberry .....	22 to 28
Nectarine .....	18 to 22
Peach .....	16 to 20
Pear .....	20 to 27
Pecan .....	35 to 40
Plum .....	15 to 20

To raise good fruit spraying at the right time is essential. Don't wait until it is too late and the damage has been done. See spray calendar on page 22.

Set all fruit trees and berry plants, pecan trees and roses in early spring, not later than April 10th. All prices, unless noted otherwise, are f.o.b. growing station. Buyer must pay carrying charges.

## Apples

	Each	3	10	25
One-year 3-4-ft. size .....	\$0.30	\$0.75	\$2.00	\$4.50
Postpaid, 3-4-ft. size .....	.45	.95	2.35	5.00
Two-year 4-5-ft. size .....	.50	1.20	3.50	7.75
Postpaid, 4-5-ft. size .....	.65	1.45	3.90	8.50

**DELICIOUS.** Ripens September, skin streaked red, flesh sweet.  
**EARLY HARVEST.** Ripens late in May, flesh yellow and juicy.  
**HORSE.** Ripens in August, large size, skin greenish yellow.  
**JONATHAN.** Ripens in September, skin red, flesh crisp, juicy.  
**RED DELICIOUS.** Ripens September, rich dark red skin, flesh sweet.  
**RED JUNE.** Ripens late June, deep red skin, flesh white and juicy.  
**STAYMAN WINESAP.** Ripens in October, skin dark red, flesh crisp, juicy.  
**WINESAP.** Ripens late September, skin red, flesh sub-acid.  
**YELLOW DELICIOUS.** Ripens September, golden yellow, flesh crisp and sweet.  
**YELLOW TRANSPARENT.** Ripens in June, greenish yellow skin with white flesh.

## Peaches

	Each	3	10	25
One-year 2 to 3-ft. size .....	\$0.25	\$0.60	\$1.60	\$3.50
Postpaid, 2 to 3-ft. size .....	.35	.75	1.85	3.90
Two year 4 to 6-ft. size .....	.40	1.00	2.75	6.00
Postpaid, 4 to 6-ft. size .....	.55	1.25	3.15	6.75

**ARP BEAUTY.** Freestone, ripens in July, yellow skin with pink cheek, flesh yellow.  
**BELLE OF GEORGIA.** Freestone, ripens in August, skin white with red blush, flesh white and sweet.  
**CARMAN.** Freestone, ripens late June, skin white with pink cheek, flesh white and delicious.  
**CHINESE CLING.** Clingstone, ripens middle of August, skin white, flesh white and juicy.  
**EARLY ELBERTA.** Freestone, ripens July 15th, yellow flesh.  
**ELBERTA.** Freestone, ripens late July, skin yellow with red cheek, flesh yellow.  
**HILEY EARLY BELLE.** Freestone, ripens July 20th, skin white tinted red, flesh white.  
**INDIAN BLOOD.** Clingstone, ripens August 25th, flesh red, streaked white.  
**J. H. HALE.** Freestone, ripens about August 10th, skin yellow and red, flesh yellow.  
**KRUMMEL LATE.** Freestone, ripens September, flesh yellow, skin yellow with red cheek.  
**MAYFLOWER.** Freestone, ripens the earliest, June 1st to 10th. Flesh white, skin white with faint blush.  
**RED BIRD.** Semi-cling, ripens about June 15th, skin rosy red, flesh white.

## APRICOTS

4 to 5-ft. trees, each 45c; 3 for \$1.20; 10 for \$3.00.  
 Postpaid, each, 60c; 3 for \$1.45; 10 for \$3.40.  
**EARLY GOLDEN.** Flesh orange, hardy and productive.  
**ROYAL.** Skin yellow with orange cheek, good size.

## CHERRIES

	Each	3	10	25
Two-year, 4-5 ft. size .....	\$0.55	\$1.50	\$4.75	\$11.00
Postpaid, 4 to 5-ft. size .....	.70	1.75	5.15	
<b>BLACK TARTARIAN.</b> Sweet, ripens in May, skin black, large size.				
<b>GOVERNOR WOOD.</b> Sweet, ripens about May 20th; skin red with yellow covering.				
<b>EARLY RICHMOND.</b> Sour, ripens in May, sub-acid, skin light red.				
<b>LARGE MONTMORENCY.</b> Sour, ripens late May, large, rich red.				

## FIGS

One Year 18 to 24-inch bushes, each, 40c; 3 for \$1.00; 10 for \$2.75. Postpaid, each, 50c; 3 for \$1.20; 10 for \$3.00.  
 Two-year 3 to 4-ft. bushes, each, 50c; 3 for \$1.35; 10 for \$4.00. Postpaid, each, 60c; 3 for \$1.55; 10 for \$4.40.  
**BROWN TURKEY.** Brownish red, large size, very sweet.  
**CELESTE.** Small, violet color, the sweetest of all.

## MULBERRY

**HICK'S EVERBEARING.** Excellent fruit, makes good shade in poultry yards. Two-year 4 to 5-ft. trees, each, 50c; 3 for \$1.35. Postpaid, each, 65c; 3 for \$1.60.

## NECTARINES

4 to 5-ft. trees, each, 45c; 3 for \$1.20; 10 for \$3.00.  
 Postpaid, each, 60c; 3 for \$1.45; 10 for \$3.40.  
**BOSTON.** Skin white with light blush, sweet.  
**RED ROMAN.** Skin white with deep red cheek, very juicy.

## PEARS

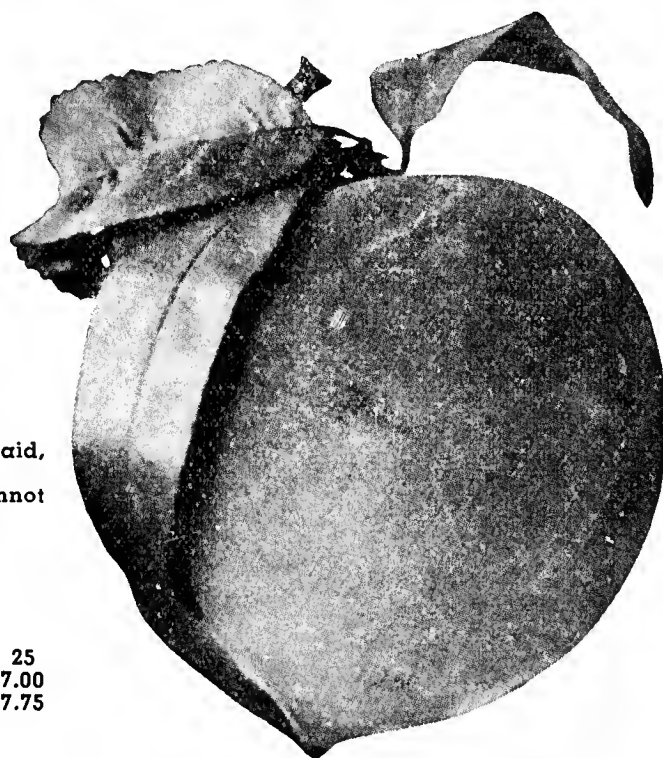
	Each	3	10	25
One-year 3 to 4-ft. size .....	\$0.35	\$0.90	\$2.50	\$5.50
Postpaid, 3 to 4-ft. size .....	.50	1.15	2.90	6.25
Two-year 5 to 6-ft. size .....	.50	1.35	3.75	8.50
Postpaid, 5 to 6-ft. size .....	.65	1.55	4.15	9.25
<b>BARTLETT.</b> Skin yellow, with very sweet juicy flesh.				
<b>GARBER.</b> Greenish yellow skin, large size, good for eating.				
<b>KIEFFER.</b> Greenish yellow skin, fine for preserving.				
<b>PINEAPPLE.</b> Practically blight-proof, very productive.				

## GRAFTED PECANS

One year, 2 to 3-ft. trees, each, 90c; 3 for \$2.40; 10 for \$6.75. Postpaid, each, \$1.10; 3 for \$2.75; 10 for \$7.25.  
 Two-year, 4 to 5 ft. trees, each, \$1.10; 3 for \$3.00; 10 for \$9.25. Cannot mail these.  
**STUART.** Bears early, oval shape, thin shell.  
**SCHLEY.** Long shaped, a real papershell nut.  
**SUCCESS.** Very large, almost round, thin shell.

## PLUMS

	Each	3	10	25
Two-year 4-5-ft. size .....	\$0.45	\$1.20	\$3.00	\$7.00
Postpaid, 4-5-ft. size .....	.60	1.45	3.40	7.75
<b>ABUNDANCE.</b> Ripens in July, large cherry-red.				
<b>BURBANK.</b> Red with yellow shading, very sweet, ripens in July.				
<b>RED JUNE.</b> Bright deep red, fine quality, ripens in June.				
<b>SHROPSHIRE DAMSON.</b> Rich deep blue, fine for preserving.				



Elberta Peach



Stuart Pecan

## Rose Bushes

All two-year, field-grown, first quality plants.

**Culture**—Set plants any time during the dormant season from about October 15th to March 15th, weather permitting, in good well-prepared soil, good drainage is essential. Cut plants back and mulch well when you set them out. Our Rose Growers' Bone Meal should be used for fertilizer. Spray plants with Tri-O-Gen as soon as the leaves put out and you will control insects, Aphids and Black Spot.

### PRICES ON ALL ROSE BUSHES

Postpaid, each, 45c; 6 for \$2.25; 12 for \$4.15. Not prepaid, each, 35c; 6 for \$2.00; 12 for \$3.75.

### EVERBLOOMING BUSH ROSES

**AMI QUINARD.** Dark red.  
**BETTY UPRICHARD.** Pink.  
**BRIARCLIFF.** Pink.  
**CALEDONIA.** White.  
**COLUMBIA.** Pink.  
**DAME EDITH HELEN.** Pink.  
**DUCHESS OF LUXEMBOURG.** Yellow.  
**EDITH NELLIE PERKINS.** Red.  
**E. G. HILL.** Scarlet.  
**ETOILE DE HOLLANDE.** Red.  
**ETOILE DE FRANCE.** Crimson.  
**FRANCIS SCOTT KEY.** Red.  
**GOLDEN DAWN.** Golden.  
**GOLDEN OPHELIA.** Yellow.  
**J. J. L. MOCK.** Pink.  
**K. A. VICTORIA.** White.

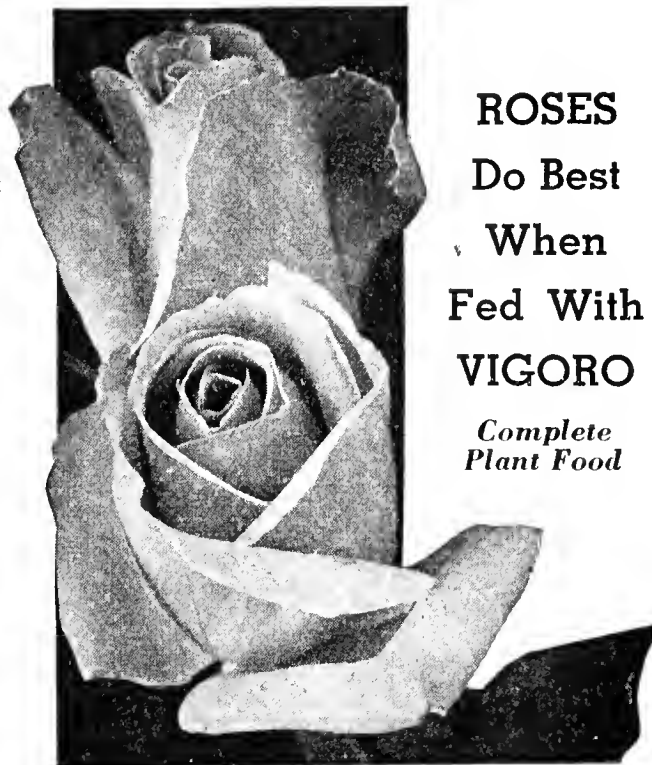
**KILLARNEY.** Pink.  
**KILLARNEY.** White.  
**LADY HILINGDON.** Yellow.  
**MARGARET MCGREDY.** Red.  
**MRS. P. S. DUPONT.** Yellow.  
**PRES. HERBERT HOOVER.** Flame.  
**RADIANCE.** Pink.  
**RED RADIANCE.** Red.  
**ROSLYN.** Orange.  
**SUNBURST.** Yellow.  
**TALISMAN.** Three toned.

### CLIMBING ROSES

**PRES. HERBERT HOOVER.** Pink.  
**RED RADIANCE.** Red.  
**TALISMAN.** Three toned.  
**PAUL'S SCARLET.** Red.  
**MARECHAL NIEL.** Yellow.

### "POLYANTHA" BABY ROSES

**GLORIA MUNDI.** Orange.  
**GOLDEN SALMON.** Yellow.  
**IDEAL.** Red.  
**ORLEANS.** Pink.



Talisman Rose

**ROSES**  
**Do Best**  
**When**  
**Fed With**  
**VIGORO**  
*Complete Plant Food*

## Flowering Shrubs

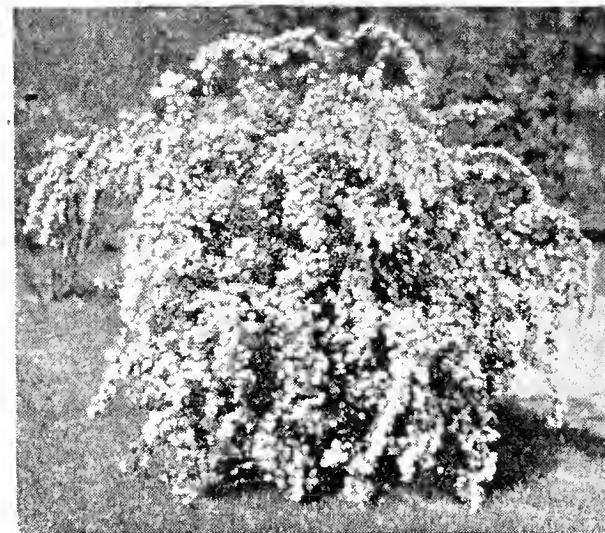
Well branched, one-year plants, 18 to 24 inches in height.

We can supply the following varieties:

**ALMOND.** Pink or white.  
**ALTHEA.** Red, pink, white.  
**BUTTERFLY BUSH.** Davidi Magnifica, Ile de France.  
**CALYCANTHUS (Sweet Shrub).**  
**CREPE MYRTLE.** Pink, crimson or white.  
**CYDONIA JAPONICA (Japanese Quince).**  
**DEUTZIA CRENATA.** Pink-flowered.  
**FORSYTHIA (Golden Bell).**  
**HYDRANGEA ARBORESCENS (Hills of Snow).**  
**HYDRANGEA PANICULATA.** White.  
**JASMINUM.** Common white.  
**LILAC (Syringa).** Purple and white.  
**PHILADELPHUS CORONARIUS (Mock Orange).**

**PHILADELPHUS, VIRGINAL.** White.  
**SPIREA, ANTHONY WATERER.** Red.  
**SPIREA BILLIARDI.** Pink.  
**SPIREA VAN HOUTTE.** White.  
**VITEX (Chaste Tree).** Lilac.  
**WEIGELA CANDIDA.** White.  
**WEIGELA, EVA RATHKE.** Red.  
**WEIGELA ROSEA.** Pink.

Prices on all shrubs: Postpaid, each, 40c; 3 for \$1.00; 10 for \$2.65. Not prepaid, each, 30c; 3 for 75c; 10 for \$2.25.



Spirea Van Houtte

### ORNAMENTAL TREES

**PINK DOGWOOD.** 3-4 ft. Balled and baled (F.O.B. nursery). Each, \$2.50.  
**WHITE DOGWOOD.** 3-4 ft. Balled and baled (F.O.B. nursery). Each, \$1.25.  
**RED FLOWERING PEACH.** 4 to 5 ft. (F.O.B. nursery). Each, 65c.  
**WHITE FLOWERING PEACH.** 4 to 5 ft. (F.O.B. nursery.) Each, 65c.

### HEDGE PLANTS

Two-year, 24 to 36-inch, well branched plants. Two varieties—Amur River; California.

Postpaid, 10 plants, 95c; 25, \$1.50; 100, \$5.00. Not prepaid, 10 plants, 75c; 25, \$1.25; 100, \$4.50.  
**ABELIA GRANDIFLORA.** Two-year transplanted, 2 to 3 feet. Postpaid, each, 65c; 5 for \$2.25. Not prepaid, each, 50c; 5 for \$2.00; 10 for \$3.50.

## Vines and Berry Plants

**GRAPES.** Two-year No. 1 grade postpaid, each, 25c; 3 for 55c; 10 for \$1.35. Not prepaid, each, 15c; 3 for 40c; 10 for \$1.10.  
**Concord.** Blue-black, sweet and juicy.  
**Lutie.** Large brownish red, very sweet.  
**Moore's Early.** Very early, large black, ripens uniformly.  
**Niagara.** Greenish white, vine vigorous, productive.  
**SCUPPERNONGS.** Two year No. 1 grade, postpaid, each, 65c; 3 for \$1.65; 10 for \$4.35. Not prepaid, each, 55c; 3 for \$1.45; 10 for \$4.00.  
**Bronze.** Color brown, thick skin, very sweet.  
**James.** Blue-black, larger and earlier than Bronze.  
**STRAWBERRIES.** Set in March or April, 15 inches apart in 3 1/2-ft. rows. Select a good clean place, free from Bermuda grass so you can cultivate often without disturbing the roots of the plant.  
Postpaid, 100 plants, 55c; 500, \$2.00; 1,000, \$3.40. Not prepaid, 100, 40c; 500, \$1.75; 1,000, \$3.00; 2,000, \$5.50; 5,000, \$12.50.  
**Blakemore.** Very early, bright red, profitable for market.  
**Gandy.** Late, dark red of good size.  
**Klondyke.** Bright glossy red, fine quality, good for market or home use.  
**DEWBERRIES.** Two-year strong transplanted

stock. Postpaid, 10 plants, 85c; 25, \$1.75; 100, \$5.40. Not prepaid, 10, 70c; 25, \$1.50; 100, \$5.00.  
**Lucretia.** Large, soft, black fruit of fine flavor.  
**BLACKBERRIES.** Two-year extra strong transplanted canes. Postpaid, 10 plants, 85c; 25, \$1.75; 100 for \$5.40. Not prepaid, 10, 70c; 25, \$1.50; 100, \$5.00.  
**Early Harvest.** Ripens early, medium size, very sweet.  
**Eldorado.** Large size, soft, delicious quality.  
**RASPBERRIES.** Two-year strong transplanted canes. Postpaid, 10 plants, 90c; 25, \$1.85; 100, \$5.65. Not prepaid, 10, 75c; 25, \$1.60; 100, \$5.25.  
**Cumberland.** Large Blackcap, fine flavored.  
**Latham.** Rich red fruit, ripens late, large size.  
**St. Regis.** Bright crimson, sweet, everbearing variety.  
**BOYSENBERRIES.** Extra large in size, fruit reddish black, succeeds almost anywhere and produces a big crop. Set plants 6 feet apart. Plant Boysenberry for a good money crop.  
Strong tip-rooted plants, postpaid, 10 for \$1.35; 25 for \$2.70; 100 for \$9.15. Not prepaid, 10 for \$1.20; 25 for \$2.50; 100 for \$8.75.  
**YOUNGBERRIES.** Two-year strong transplanted stock. Postpaid, 10 plants, \$1.35; 25, \$2.70; 100, \$9.15. Not prepaid, 10, \$1.20; 25, \$2.50; 100, \$8.75.



Klondyke Strawberries

**FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED**  
[51]



## HUDSON SPRAY PUMPS

### Compressed Air Sprayers

HUDSON COMPRESSED AIR  
SPRAYER No. 210G  
PERFECTION



#### PRICES

**NO. 191G BOOSTER (3 1/4 Gal.) "FUNNEL TOP"**—The Hudson Booster offers the greatest possible value in a compressed air sprayer at a minimum price. Built of first quality material. Prime galvanized tank, seamless brass tubing, Saf-T-Kam lock top, brass shut-off valve, 18 inch brass extension rod, brass nozzle and other features. Each sprayer individually tested and inspected. May be used for all work for which compressed air sprayers are adapted. Tested to 90 pound pressure.  
**No. 191G Booster Galvanized.....\$2.79; Postpaid \$3.00**

**NO. 210G PERFECTION (4 Gal.) "OPEN TOP"**—Hudson has incorporated into their "Perfection" Compressed Air Sprayer all the features that could be expected to be found in a quality sprayer of this type. Tank made from prime galvanized or copper sheets. (Copper is recommended for Copper Sulphate, Blue Vitrol, and other corrosive solutions.) Has air pack plunger, all brass air valve, high pressure spray hose, all brass shut off which locks for continuous spraying, two foot brass extension, all brass adjustable nozzle and many other features.  
**No. 210G Perfection Galvanized .....\$5.95; Postpaid \$6.25**  
**No. 210B Perfection Copper .....\$9.44; Postpaid \$9.75**

**NO. 240G JUNIOR (2 1/2 Gal.) "OPEN TOP"**—The Hudson Junior provides similar high quality and efficient performance found in "Perfection". Light weight, convenient size and easy operation make it a favorite for women, children, backyard gardeners and others. Adapted for use with all preparations which need high pressure for their proper application. Made from prime galvanized or copper sheets. Copper is recommended for Copper Sulphate, Blue Vitrol, and other corrosive solutions.  
**No. 240G Junior Galvanized .....\$4.19; Postpaid \$4.50**  
**No. 240B Junior Copper .....\$6.66; Postpaid \$6.95**

**NO. 235G CLIMAX (3 3/4 Gals.) "OPEN TOP"**—The Hudson Climax embodies in its construction strength, safety, ease of operation, complete accessibility and efficient operation. Used for all classes of work in the truck garden, orchard, vineyard, poultry house, dairy barn, hog pen, about the house, yard, etc. Handles whitewash, coldwater paints, insecticides, fungicides, etc., most efficiently. Comes in Galvanized and Copper Tanks. Copper is recommended when corrosive solutions are to be used.  
**No. 235G Climax Galvanized .....\$4.22; Postpaid \$4.50**  
**No. 235B Climax Copper .....\$6.95; Postpaid \$7.25**

#### IDEAL SPRAYER

**No. 34S HUDSON IDEAL (18 Gal.)**, a high pressure, portable outfit similar to Sunshine as illustrated, being heavier and larger. Maintains working pressure of 200 pounds. A handy outfit for the orchard, vineyard or truck garden. Widely used in the dairy barn, poultry house or cattle pen. Practical for parks, golf clubs, private estates. Handles whitewash, cold-water paints, insecticides, stock dips, remedies, etc. Has a 4SA barrel pump securely mounted in an 18 gallon heavy galvanized corrugated tank. Has 10 feet 3/8-inch spray hose, 3-foot extension rod and automatic shut-off. Shipping weight 64 lbs.

**No. 34S Ideal Sprayer.....\$16.95**

#### TROMBONE SPRAYER

**No. 133**—All brass and double acting, insuring a uniform high pressure and continuous discharge. Adapted for spraying orchards, vineyards, shrubbery and shade trees; for whitewashing, disinfecting, spraying stock dip and fly oil. May be used with an ordinary bucket or pail, half barrel or tank.

**No. 133 Trombone Sprayer.....\$3.79**  
**Postpaid \$3.95.**

#### ANGLE SPRAY ROD

**No. 145**—Sprays the tree from above, from beneath and through the branches. Sprays against the wind without drenching the operator. Enables the user to give his trees a quick, careful spraying with a fine mist. Made entirely of brass, 5 1/2 ft. long, weighs only 4 1/2 pounds, automatic shut-off. Throws spray 30 feet from nozzle. Standard connection for attaching to all sprayers.

**Postpaid \$7.25. \$6.95**

#### SUNSHINE SPRAYER

**NO. 36S**  
**\$11.49**  
**Sunshine**



**No. 36S HUDSON SUNSHINE (12 1/2 Gal.)** was designed particularly for the florist and nurseryman. Short, compact construction permits its use in narrow greenhouse rows and in close quarters. Also adapted for spraying small orchards, vineyards, truck gardens, berry bushes, etc.; for whitewashing and disinfecting poultry houses, dairy barns, hog pens, spraying stock dips and poultry remedies, treating ornamental shrubbery, flowers and lawns. Its high pressure and easy portability adapt it for work of all kinds. Its sturdy construction enables it to be used on hillsides and uneven ground without danger of tipping. Complete with 6 feet of 3/8-in. spray hose, 3 feet brass pipe extension and angle spray nozzle. Shipping weight 40 lbs.

**Price complete .....\$11.49**

#### DU-MORE SPRAYER

**247G HUDSON DU-MORE** is outstanding in efficiency and design. A slow easy stroke of the powerful diaphragm pump maintains uniform high pressure easily. Adapted for truck and field crops, vineyards, berry bushes, fruit trees, ornamental shrubs and flowers. Capacity 4 gallons. Made from prime galvanized or copper sheet. Copper is recommended for use with Bordeaux Mixture, Copper Sulphate and other corrosive solutions.

**No. 247G Du-More Galvanized .....\$12.95; Postpaid \$13.35**  
**No. 247B Du-More Copper .....\$17.40; Postpaid \$17.85**



**NO. 247G**  
**\$12.95**  
**Du-More**

#### HAND SPRAYERS

**NO. 432 CONTINUOUS**—Handles all solutions which are sediment free, such as disinfectants, deodorants, insecticides, etc. Fitted with double nozzle to spray ahead or up. Capacity, about 1 qt.  
**Postpaid 85c. 69c**

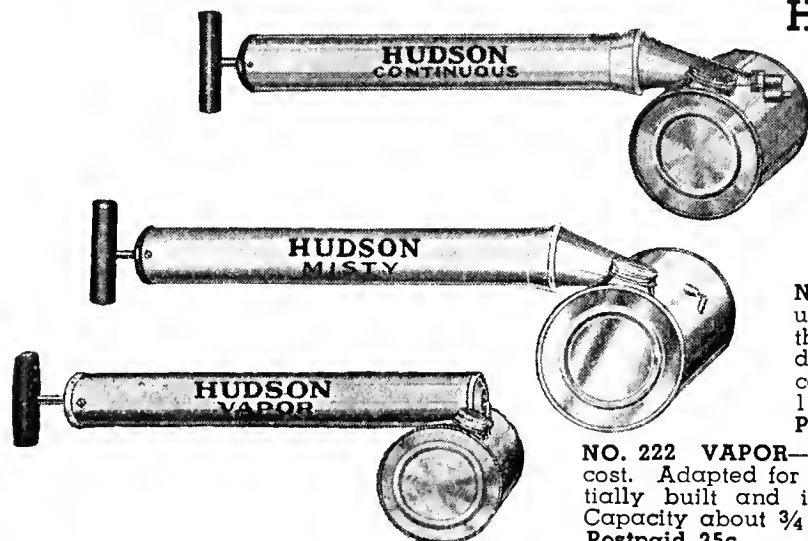
**NO. 452 MISTY**—The Misty is a universal favorite for use about the house, yard, backyard garden, poultry house, etc. Sturdy construction. Capacity, about 1 qt.  
**Postpaid 50c. 33c**

**NO. 222 VAPOR**—A small sprayer at moderate cost. Adapted for household use. It is substantially built and is air tested and inspected. Capacity about 3/4 pt.  
**Postpaid 35c. 22c**

**NO. 435 CARDINAL**—Particularly effective for handling fly oils in the dairy barn, milk house, creamery, etc.; preparations to eradicate lice, mites and diseases in the poultry house; oils and insecticides in the hog house; insecticides, disinfectants, deodorants, and similar preparations in schools, theaters, clubs, office buildings, hotels, restaurants, and similar places. Capacity about 3 qts.  
**Postpaid \$1.35. \$1.19**

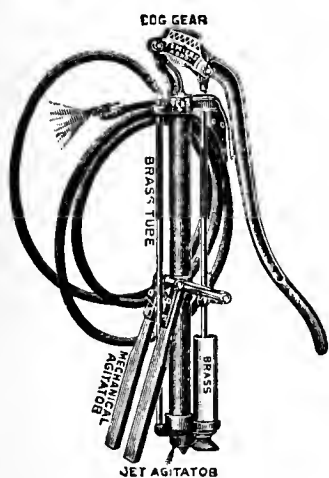
**NO. 429B COPPER CONTINUOUS**—For use with all insecticides, disinfectants and deodorants which are free from sediment. A splendid pattern for use in stores, theaters, clubs, hotels, restaurants, office buildings, etc. Equally well adapted for home, yard, garden, hatchery, dairy barn, etc. Capacity 36 oz.  
**Postpaid, \$1.65. \$1.49**

**NO. F 2 1/2 BANTAM**—Provides a small household sprayer at a moderate cost. All metal construction prevents possibility of breakage. Handles all household insecticides and disinfectants. Capacity about 5 1/2 oz.  
**Postpaid 25c. 13c**



# MYERS SPRAYERS AND HUDSON DUSTERS

## MYERS BARREL SPRAYER



No. R305B MYERS—Attaches to side of an open barrel. Equipped with cog gear handle, jet and mechanical agitators, complete with 15 feet of 1/2-in., 5-ply discharge hose and Myers Graduating Vermorel Nozzle. Price less barrel, **\$12.95**

No. R318B MYERS—Attaches to top of closed barrel. Has bronze ball valves and brass seats. Plunger is self-expanding and the cylinder

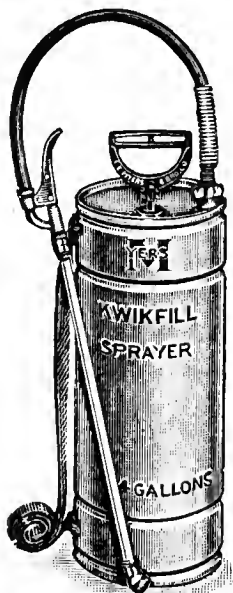
der and pipes are all brass. Price, with one lead of 15 feet of 1/2-inch, 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator. **\$13.95**

## MYERS BUCKET SPRAYERS

These spray pumps are constructed entirely of brass. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up.

Myers No. 325 Bucket Pump—Makes fine or coarse spray; all brass; provided with a good air chamber. **\$3.95**  
Postpaid, \$4.20.

Myers No. R324 Spray Pump—A combination bucket and barrel spray pump; can be used either way; it has cog gear handle with large cylinder. **\$4.95**  
Postpaid, \$5.25.

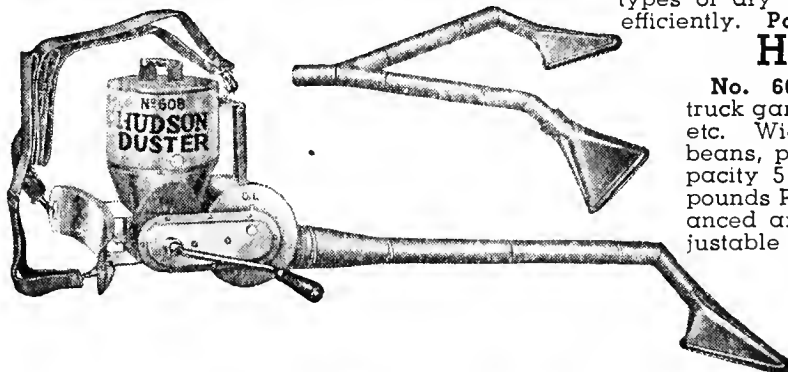


Myers No. 2242

No. 2240 Myers Kwik Fill—2 1/2 gallon tank, postpaid, \$4.50.  
No. 2242 Myers Kwik Fill—4 gallon tank, postpaid, \$5.25.

**\$4.39**

**\$4.95**



## MYERS KWICK FILL COMPRESSED AIRSPRAYERS

A quality product, something you can depend on. The special features are concave top form which acts as a funnel, no time lost in filling. It has a 1 3/4-inch brass tube air pump which is quickly removable. The removable discharge tube and hose connection permits a thorough drainage and cleaning of the tank, which adds many years of service. The tank is extra heavy galvanized metal. Made in two sizes.



NO. 651 CORPORAL DUSTER

Is effective in application of insect powders used against roaches, ants, waterbugs, and similar pests. **13c**  
Postpaid 25c.



NO. 660 SIGNAL DUSTER

Handles all insecticides in powder form very efficiently. Used for small garden work. **23c**  
Postpaid 35c.



NO. 664 ADJUTANT DUSTER

Ample power and capacity for garden and field, in the poultry house, etc. Handles all types of dry powdered insecticides efficiently. **44c**  
Postpaid, 60c.

## HUDSON DUSTER

No. 608 ROTO-POWER—Adapted for truck gardens, field crops, small orchards, etc. Widely used in the treatment of beans, potatoes, melons, cotton, etc. Capacity 5 pounds Arsenate of Lead or 17 pounds Paris Green. Machine is well balanced and comfortably carried by 2 adjustable shoulder straps. Crank is shaped for comfortable arm movement, long enough for easy operation. Completely protected from powder and easily accessible. **\$10.95**  
Price, complete

# SPRAYER PARTS AND ACCESSORIES

## EXTENSION RODS

No. 172 Rod 2 ft., iron. Each.....\$ .45  
No. 172B Rod 2 ft., brass. Each.....\$ .60  
No. 174 Rod 4 ft., iron. Each.....\$ .65  
No. 174B Rod 4 ft., brass. Each.....\$ 1.00  
By mail, add 15c extra.

## BAMBOO SPRAY POLE

Brass lined, with one-piece lining locked to poles at each end. Fitted with adjustable brass drip shield and stop cock. Recommended for all work where a longer rod than 4 feet is required.  
No. 42 Spray Pole, 8 ft., with stop cock. Each.....\$3.95  
No. 44 Spray Pole, 10 ft., with stop cock. Each.....\$4.25

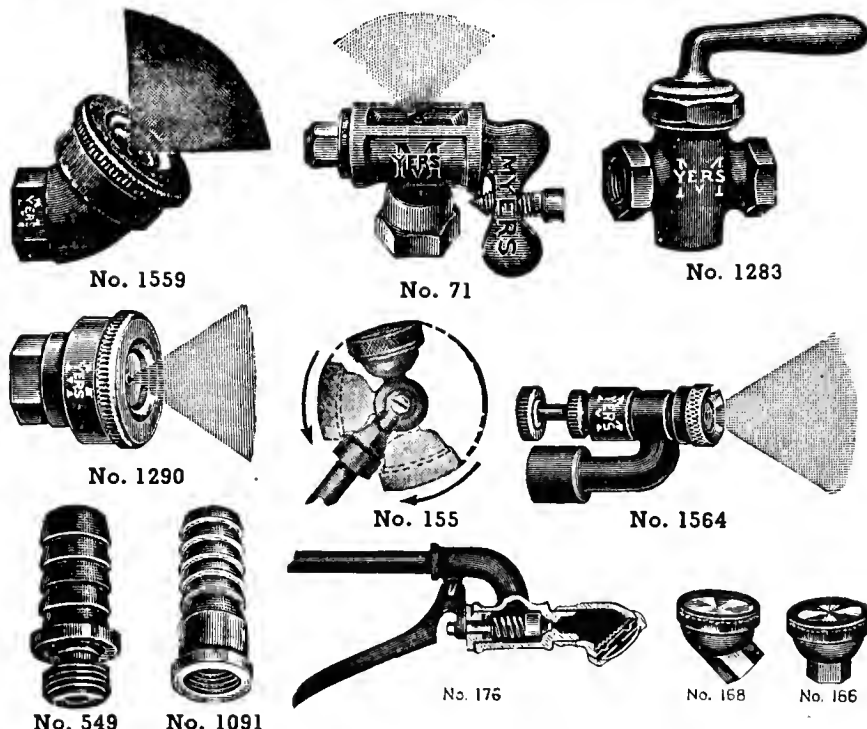


## SPRAY HOSE

Built to safely handle working pressure of 200 pounds, and to meet a bursting pressure test of 850 pounds. Furnished in 3/8- and 1/2-inch, in any length up to 500 feet.  
3/8-inch Spray Hose. Per foot.....12c; 25 ft., \$2.50  
1/2-inch Spray Hose. Per foot.....16c; 25 ft., \$3.50  
Postage 5c per foot extra.

## MISCELLANEOUS SPRAYER REPAIRS

Barrel Spray Pump Leather Washers. Each.....\$ .15  
Bucket Spray Pump Leather Washers. Each.....\$ .10  
Hand Spray Pump Leather Washers. Each.....\$ .10  
Compressed Air Spray Pump Leather Washers. Each.....\$ .10  
Rubber Gaskets for Compressed Air Sprayer. Each.....\$ .10  
Rubber Gasket for Open Top Compressed Air Sprayer. Each 15c and 25c  
No. 1279 Y Connection. Each.....\$ .60  
No. 1380 45-degree Bend Connection. Each.....\$ .25  
No. 1381 45-degree Double Bend. Each.....\$ .40  
Hose Clamps. 3/8- or 1/2-inch.....\$ .05  
Postage 5c each extra.



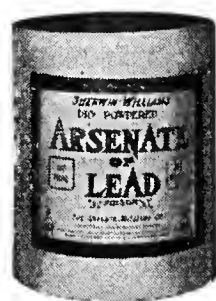
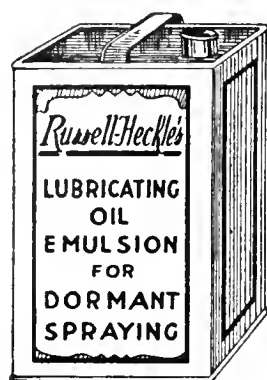
No. 1564 Myers Vermorel Nozzle.....\$ .75 \$ .85  
No. 1290 Myers Fembro Nozzle.....\$ .65 \$ .75  
No. 1559 Myers Fembro 45° Nozzle.....\$ .75 \$ .85  
No. 71 Myers Bordeaux Nozzle.....\$ 1.00 \$ 1.10  
No. 1283 Myers Shut-off Cock.....\$ 1.10 \$ 1.20  
No. 549 Male End 3/8" or 1/2" Hose.....\$ .30 \$ .40  
No. 1091 Female End 3/8" or 1/2" Hose.....\$ .30 \$ .40  
No. 176 Hudson Shut-off Nozzle.....\$ 1.50 \$ 1.60  
No. 155 Hudson Adjustable Nozzle.....\$ 1.00 \$ 1.10  
No. 168 Hudson Angle Fog Nozzle.....\$ .50 \$ .60  
No. 166 Hudson Straight Fog Nozzle.....\$ .50 \$ .60

## SPRAY PARTS

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



## Insecticides-Fungicides-Disinfectants



## NOTICE

Do not fail to come to us or write for any information needed in spraying line. We keep up-to-date and have in stock the very newest and best materials for spraying at all times. Most insecticides and liquids are now available. Prices F.O.B. Memphis, and subject to fluctuations, buyer paying carriage charges, except where priced parcel postpaid. See Green Ink List for quantity prices.

### ACME APHIS SPRAY

A contact spray for aphids (plant lice), thrip, etc. 3-oz. tube (makes 1 gal.), 35c. Postpaid, 45c.

### ARSENATE OF LEAD

Kills all chewing insects, dusted or sprayed. 1/2 lb. carton, 20c; 1 lb. carton, 35c; 4 lb. bag, 75c. Postpaid, 1/2 lb. carton, 30c; 1 lb. carton, 45c; 4 lb. bag, 90c.

### BLACK LEAF 40

Kills by contact and fumes, especially desirable for controlling all kinds of lice and red spider on flowers, roses, shrubs and trees. Also for lice on poultry. 1 oz., 35c; 5 ozs., \$1.00; 1-lb. bottle, \$2.25; 2-lb. can, \$3.25; 5-lb. can, \$5.85; 10-lb. can, \$10.60. Postpaid, 1 oz., 35c; 5 ozs., \$1.00; 1-lb. bottle, \$2.25; 2-lb. can, \$3.25; 5-lb. can, \$6.00; 10-lb. can, \$10.90.

### BLUESTONE COPPER SULPHATE

For preparing home-made Bordeaux Mixture. Use 3 lbs. of bluestone, 6 lbs. hydrated lime, with 50 gallons of water; for peach leaf curl and most fungus diseases. 1 lb. 15c; 2 lbs., 25c; 10 lbs., 90c. Postpaid, 1 lb., 25c; 2 lbs., 40c; 10 lbs., \$1.15. Powdered or Granular.

### BORDEAUX MIXTURE

Controls fungus diseases on roses, shrubs, and plants. 1 lb. carton, 35c; 4-lb. bag, 75c; Postpaid, 1-lb. carton, 45c; 4-lb. bag, 90c.

### BORDEAUX-ARSENATE (PESTROY)

A combination of Bordeaux Mixture and Arsenate of Lead. Fine for potatoes, tomatoes, etc. 1-lb. carton, 35c; 4-lb. bag, 95c. Postpaid, 1-lb. carton, 45c; 4-lb. bag, \$1.10.

### CALCIUM ARSENATE

Kills effectively potato bugs, potato beetles, tomato worms, grasshoppers, army worm, cotton boll weevil, and other chewing insects. 1-lb. carton, 25c; 4-lb. bag, 50c. Postpaid, 1-lb. carton, 35c; 4-lb. bag, 65c.

### CARBON DI-SULPHIDE

For keeping weevils out of grain, cowpeas, etc. 1 lb., 45c; 5 lbs., \$1.60; 10 lbs., \$2.95. Not available.

### COPPER SOLUTION

Controls black spot and mildew on roses, rust on blackberries, pear blight, grape rot, etc. 1/2 pt., 35c; 1 pt., 60c; 1 qt., 90c; 1 gal., \$2.25. Postpaid, 1/2 pt., 45c; 1 pt., 70c; 1 qt., \$1.10.

### CORROSIVE SUBLIMATE

Used for treating sweet potatoes before bedding to prevent black rot. 1/4 lb., 85c; 1 lb., \$2.25; 5 lbs., \$10.00. Postpaid, 1/4 lb., 95c; 1 lb., \$2.35; 5 lbs., \$10.25.

### C. P. O. LIQUID SOAP

A useful soap spreader, its use will control scale, aphids, lace fly, mealy bug, harlequin bug and many forms of beetles, when added to Black Leaf 40 and other sprays. 3-oz. bottle, 20c; 1-pt. can, 60c; 1-qt. can, 95c; 1-gal. can, \$2.50. Postpaid, 3-oz. bottle, 25c; 1 pt., 75c; 1 qt., \$1.15; and 1 gal., \$2.85.

### CROW REPELLER

When this preparation is applied to seed corn before planting it will prevent birds or crows from pulling the corn up. It will not gum the planter and its use will save time and worry. 1-bu. size, 60c; 4-bu. size, \$1.50. Postpaid, 1-bu. size, 70c; 4-bu. size, \$1.65.

### CRYOLITE

Can be used for dusting or spraying, and controls all sorts of beetles and worms on all garden crops, also on fruit trees. It is safe, effective, and economical. Prices, 6-lb. pkg., \$1.00; 24 lbs., \$3.65; 48 lbs., \$6.75. Postpaid, 6-lb. pkg., \$1.25; 24 lbs., \$4.15.

### CUBOR

A Non-Poisonous Insecticide

A complete Rotenone Spray with spreader for all plant insects, whether chewing or sucking. 1/2 oz., 10c; 2 ozs., 25c. Mailed, 1/2 oz., 15c; 2 ozs., 30c.

### CUPROCIDE

For treating all seeds to give better germination and prevent damping off. 4-oz. can, 35c; 1-lb. can, 90c; 5-lb. can, \$3.75. Postpaid, 4-oz., 45c; 1 lb., \$1.00; 5 lbs., \$3.95.

### CYANOOGAS—A DUST

Kills ants, rats, mice, moles, fleas, bedbugs, clothes moths, wax moths, pigeons, sparrows, chinch bugs on lawns, grape leaf hoppers, mealy bugs, melon aphids, squash bugs, etc. Very poisonous and must be used with caution. 1/2 lb., 45c; 1 lb., 75c; 5 lbs., \$3.00. Not available.

### DRITOMIC SULPHUR

For Peaches—A summer spray for the control of scab and Brown Rot on peaches, plums and other stone fruits. To control curculio add Arsenate of Lead. 5 lb. bag, 75c; postpaid, 95c.

For Apples—A summer spray for the control of scab, mildew and rogeye leaf spot. To control codling moth, leaf roller and curculio add Arsenate of Lead. 4 lb. bag, 60c; postpaid, 75c.

### DOWAX

Coating young trees with liquid wax prevents dessication and makes them almost certain to grow. Gallon can, \$1.95. Postpaid, \$2.25.

### DRY MIX

A combined spray for peaches, plums, and other stone fruits as soon as the blossoms have fallen. Contains Arsenate of Lead. Dry Mix prevents wormy peaches, also fungus diseases, rot, etc. 1 lb., 25c; 5 lbs., 75c; 12 1/2 lbs., \$1.25. Postpaid, 1 lb., 35c; 5 lbs., 95c; 12 1/2 lbs., \$1.50.

### ETHYLENE DICHLORIDE EMULSION

85% Solution

The new liquid method for controlling peach tree borers. Its easier to use with less work than the P.D.B. Crystals. One gallon of Emulsion makes 2 1/2 gallons of liquid, enough for 50 to 90 trees. This new material can also be used at any time in the late fall, winter, or early spring months and on any age trees. Price, 1 qt., 45c; 1/2 gal., 85c; 1 gal., \$1.35; 5 gals., \$6.25; 50 gals., \$45.00, F.O.B. Memphis. Postpaid, 1 qt., 65c; 1/2 gal., \$1.15; 1 gal., \$1.80.

### ETHYLENE CHLORHYDRIN

A new chemical applied to spring-dug potatoes; makes them sprout quickly. One quart makes enough to treat eight bushels of seed potatoes. 1/2 pt., 45c; pt., 85c; qt., \$1.60; gal., \$4.25. By mail, 1/2 pt., 65c; pt., \$1.00; qt., \$1.85; gal., \$4.75.

### EVERGREEN

Non-poisonous when used as directed; safe to use on tender plants and blossoms; will not burn. Controls insects such as aphids, cutworms, squash bugs, potato bugs, caterpillars, beetles, etc. 1-oz. bottle, 35c; 6-oz. can, \$1.00; 16-oz. can, \$2.15; 1-gal. can, \$12.20. By mail, 1 oz., 40c; 6 ozs., \$1.10; 16 ozs., \$2.30; 1 gal., \$12.50.

### FISH OIL SOAP

Prevents and controls aphids (plant lice) and other troubles. Mixed with other spray materials, acts as a spreader. 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$1.95. Postpaid, 1 lb., 45c; 5 lbs., \$1.45; 10 lbs., \$2.25.

### FORMACIDE

Seed and soil disinfectant used as a dust to control damping off. 1/2 lb., 35c; 1 lb., 60c; 5 lbs., \$1.50. Postpaid, 1/2 lb., 45c; 1 lb., 75c; 5 lbs., \$1.70.

### FORMALDEHYDE OR FORMALIN

Used for treating oats, wheat, etc., to prevent smut; also used to prevent potato scab. 1 lb., 40c. Postpaid, 50c.

### FUNGITROGEN

An effective control of black spot and mildew on Roses, Phlox, etc. 4-oz. can, 50c; 1/2-pt. can, 75c. Postpaid, 4 ozs., 60c; 1/2 pt., 85c.

### GARDEN GUARD

A Rotenone preparation that is perfectly harmless to humans, but effective against both sucking and chewing insects. Used as a dust. 1 lb., 35c; 4 lbs., 55c; 25 lbs., \$3.20. Postpaid, 1 lb., 45c; 4 lbs., 75c.

### GRAFTING WAX

Used for grafting scions on trees. 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 50c. Postpaid, 1/4 lb., 25c; 1/2 lb., 40c; 1 lb., 60c.

### ROSE AID

Prevents black spot, blight and mildew on roses and other plants. 1 lb., 40c. Postpaid, 50c.

### HYDRATED LIME

For mixing with Sulphur in making dry mix or home-boiled Lime-Sulphur, also used for sweetening the soil in flower and vegetable gardens and for mixing with sprays where Arsenate of Lead is used. 10-lb. sack, 25c; 40-lb. sack, 50c. By mail, 10 lbs., 50c.

### KAYSO

Prepared casein is a spreader and adhesive. It makes any poison stick and resistant to washing effect of rains. 2 lbs., 45c; 10 lbs., \$1.70. Postpaid, 2 lbs., 60c; 10 lbs., \$1.95.

## INSECTICIDES AND FUNGICIDES

### LIME-SULPHUR POWDERED

A convenient material to control San Jose scale and other fungus trouble, such as peach tree leaf curl and blister mites. 1-lb. can, 30c; 5-lb. can, \$1.20; 12½-lb. bag, \$1.30. Postpaid, 1 lb., 40c; 5 lbs., \$1.40; 12½ lbs., \$1.60.

### LIME SULPHUR SOLUTION

A concentrated liquid form easily mixed. Simply add 7 gallons of water to 1 gallon of the solution. 1-qt. can, 30c; ½ gal., 45c; 1 gal., 60c; 5 gals., \$2.20. Postpaid, qt., 45c; ½ gal., 65c; gal., 85c.

### MOLOGEN

Eliminates moles from your lawn. Easy to use, acts quickly and surely. A non-poisonous, odorless dry powder that will not injure the soil or grass. ½-lb. can, 50c. Mailed, 60c.

### MOSQUITO LARVICIDE

Made under the Government formula, for spraying ponds and lily pools. It will not harm the vegetation or fish but kills mosquitoes, etc. 1-pt. bottle, 40c; qt., 60c. Postpaid, pt., 55c; qt., 80c.

### NICOTINE APHIS SPRAY

Kills aphids, thrip and hoppers. A very economical nicotine spray, complete with soap spreader included. Ready to use by adding water. Convenient measuring scale on each bottle. 2-oz. bottle, 25c. Postpaid, 30c.

### OIL EMULSION

For dormant spray to control scale. It creeps and covers every part of the tree. Use 1 gallon to 20 gallons of water. To control peach tree leaf curl, add 1 lb. Bordeaux Mixture or Blue Stone (put these in water first) and 1 gallon of Oil Emulsion to 20 gallons of water. 1-qt. can, 30c; ½ gal., 45c; gal., 60c; 5 gals., \$2.20. Postpaid, 1 qt., 45c; ½ gal., 65c; gal., 85c.

### ORTHODICHLORO- BENZENE

Used under buildings to keep out ants and termites. Qt., 45c; gal., \$1.25; 5 gals., \$5.75; 10 gals., \$10.95. Postpaid, qt., 60c; gal., \$1.55.

### PARADICHLOROBENZENE

The old reliable gas-forming crystal for peach tree borer control. Time of application, October 1st to November 30th. It can also be used in the spring, early in March. 1 lb., 35c; 5 lbs., \$1.20; 10 lbs., \$2.20; 25 lbs., \$4.20; 50 lbs., \$7.95; 100 lbs., \$14.45; 200 lbs., \$26.95. Postpaid, 1 lb., 45c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.90.

### PARIS GREEN

Known for its effectiveness. It must be used with care; 1 teaspoonful to 1 gallon of water. Add 2 tablespoonfuls of lime to prevent burning. ¼ lb., 15c; 1 lb., 45c; 5 lbs., \$1.95; 14 lbs., \$4.75. Postpaid, ¼ lb., 20c; 1 lb., 55c; 5 lbs., \$2.15; 14 lbs., \$5.10.

### PINE TAR

For bruises on trees Pine Tar is very effective. 1-pt. can, 25c. Postpaid, 35c.

### PYROX WITH NICOTINE

Kills both sucking and chewing insects, besides controls fungus diseases. Pyrox is especially effective on roses for diseases, lice and chewing insects. Also on tomato to prevent blossom-end rot. 17-oz. jar, 49c; 5-lb. can, \$1.75. Postpaid, 1 lb., 60c; 5 lbs., \$1.95.

### PYROTE

A combination of Pyrethrum and Rotenone Spray. Kills chewing and sucking insects at the same time. Non-poisonous. 1 oz., 30c; pt., \$1.80; qt., \$3.20. Postpaid, 1 oz., 35c; pt., \$1.95; qt., \$3.40.

### RED ARROW SPRAY

Non-poisonous when used as directed, effective against lice on turnip greens, leaf-hoppers and worms. 1-oz. bottle (makes 3 gals.), 35c; 4-oz. bottle, 95c; 1-pt. bottle, \$2.85; 1-qt. tin, \$5.40; 1-gal. tin, \$15.95. Postpaid, 1 oz., 40c; 4 oz., \$1.00; 1 pt., \$3.00; 1 qt., \$5.60; and 1 gal., \$16.25.

### ROTENONE (BEAN BEETLE) DUST—ACME 75

An excellent general garden insecticide and especially so in control of the Mexican Bean Beetle. It contains .75% Rotenone and 1.5% other active extractives, the usual strength to control insects, together with 15% sulphur, effective in combating certain mildew which so often prevails on beans and many other plants. 1 lb., 25c; 5 lbs., 65c; 50 lbs., \$6.25; 100 lbs., \$12.00. Postpaid, 1 lb., 35c; 5 lbs., 85c.

### SCALECIDE

The Complete Dormant Spray

The old reliable Scalecide. A well known dormant or delayed dormant spray for the control of scale, peach leaf curl, aphids, red mite and other insects. For fruit trees or ornamentals. Simple, effective and easy to apply. Qt., 65c; gal., \$1.55; 5 gals., \$5.50. Postpaid, qt., 80c; gal., \$1.80.

### SNAROL

(With Metaldehyde)

A sensational new product that kills cutworms, sowbugs, snails, grasshoppers, etc. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1½-lb. package, 35c; 4-lb. package, 85c. Postpaid, 1½ lb., 45c; 4 lbs., \$1.00.

### INSECT-O-GUN



A new device for spraying insecticides of all kinds. Attaches to any garden or lawn hose connection. Simply place the proper quantity of insecticide in the container and attach to the garden hose.

Junior Home Garden Size, \$3.75; postpaid, \$3.95.

Senior Large Garden Size, \$4.75; postpaid, \$5.00.

Heavy Duty Estate Size, \$5.75; postpaid, \$6.00.

### SPRAY MULSION

A high grade of Oil Emulsion for dormant use. Spray Mulsion contains 96% of oil, therefore, requires only 1½ gallons to 50 gallons of water. Use only in dormant state on all fruit trees, shrubs, etc. Qt., 40c; gal., 80c; 5 gals., \$3.25. Postpaid, qt., 55c; gal., \$1.10.

### SLUG-SHOT

A non-poisonous powder insecticide; easily applied and not injurious to person applying it, or fruits and vegetables. Destroys Mexican bean beetles, green flies, slugs, worms. 1 lb., 25c; 5 lbs., 95c. Postpaid, 1 lb., 35c; 5 lbs., \$1.15.

### SULFOCIDE

A concentrated liquid sulphur fungicide. Used on all kinds of fruits, vegetables and flowers. Convenient, economical and effective. Dilutes one gallon to two hundred gallons of water. Pt., 50c; qt., 85c; gal., \$2.25. Postpaid, pt., 60c; qt., \$1.00; gal., \$2.55.

### SULPHUR-WETTABLE DUSTING

An improved sulphur for dusting or spraying. Controls mildew, black spot and rust on roses and other plants, also red spiders on evergreens. 2-lb. carton, 25c. By mail, 40c.

### SULPHUR, COMMERCIAL

Will prevent mildew and kill red spider; should be used on all roses in the spring; apply dry. 1 lb., 10c; 3 lbs., 25c; 5 lbs., 35c; 10 lbs., 65c. Postpaid, 1 lb., 20c; 3 lbs., 40c; 5 lbs., 55c; 10 lbs., 90c.

### SULPHUR, MIKE WETTABLE

A trade name for the new Microscopic extra fine prepared sulphur. Mixes readily with water in combination with Lime, Arsenate of Lead, etc. Mike Sulphur is one of the finest and best materials of its kind, as it really stays in suspension and therefore gives the needed results. 4-lb. pkg., 50c; 10-lb. bag, \$1.00. Postpaid, 4 lbs., 65c; 10 lbs., \$1.25.

### TOBACCO DUST

Especially desirable for use against lice and sucking insects. 1 lb., 10c; 3 lbs., 25c; 5 lbs., 35c; 10 lbs., 60c. Postpaid, 1 lb., 20c; 3 lbs., 40c; 5 lbs., 55c; 10 lbs., 85c.

### TOBACCO DUST-GOLD LEAF

Extra strength made by the makers of Black Leaf 40. 2-lb. carton, 25c; 10-lb. carton, 75c. Postpaid, 2 lbs., 40c; 10 lbs., \$1.00.

### TREE TANGLEFOOT

Used as a band on all kinds of trees, it will prevent any insects from crawling up on them. 1 lb., 60c. Postpaid, 1 lb., 70c.

### TREE KILLER CHAMPION

For trees, shrubs and vines. Trees die quicker than the old method of deadening. Will kill Johnson grass, sprouts, etc. Gal., \$1.25; 5 gals., \$4.95; 30 gals., \$27.50, F.O.B. Memphis.

### TRI-GEN

The complete protection and spray treatment on roses, etc. Kills chewing insects, aphids, plant lice, thrips, leaf hoppers, beetles, rose chafers, white fly, lace wing fly, and in addition controls diseases such as black spot, rust, mildew, blight, etc. Small kit, makes 16 qts., \$1.50. Postpaid, \$1.70. Medium Kit, makes 64 qts., \$3.95. Postpaid, \$4.20. Large Kit, makes 32 gals., \$5.90. Postpaid, \$6.25.

### TREE WOUND PAINT

When pruning heavy branches of trees, paint them with this material. ½ pt., 25c; pt., 40c; gal., \$1.95. By mail, ½ pt., 35c; pt., 50c.

### VOLCK, NURSERY

A powerful insecticide used as a spray to overcome mildew, red spider, aphids, white flies, mealy bugs, etc. ½ pt., 35c; qt., 75c; gal., \$1.90; 5 gals., \$5.95. Postpaid, ½ pt., 45c; qt., 90c; gal., \$2.15.

### VOLCK WITH NICOTINE

3½-oz. bottle, 35c. By mail, 45c. Pt., 95c. By mail, \$1.10.

### WEED KILLER (ATLACIDE)

The sure weed killer used by the Federal Government and recommended by experimental stations for killing noxious weeds and grasses such as Johnson grass, poison ivy, quack grass, etc. 1½ lbs. Atlacide makes 1 gallon of weed killer. 5-lb. can., \$1.50; 15-lb. drum, \$2.75; 50-lb. drum, \$5.50; 100-lb. drum, \$9.95. Postpaid, 5 lbs., \$1.70; 15 lbs., \$3.15.

### WEED KILLER, ACME

Kills poison ivy, morning glory, noxious grasses, weeds, Johnson grass—and they stay killed. Dilute 1 gallon to 50 gallons of water. Eradicates termites in buildings. Acme Weed Killer is rank poison and should be used with care. Pt. can, 30c; qt. can, 50c; gal. can, \$1.50; 5 gals., \$4.95, F.O.B. Memphis. Not mailable.

### ZINC SULPHATE

High grade 36% zinc. If your peaches, just before ripening, split or crack, which disease is known as bacterial fungi, then use 2 lbs. of zinc sulphate to each 50 gallons of any sulphur spray combination. 1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.75. By mail, 1 lb., 25c; 2 lbs., 40c; 5 lbs., 70c.





## RAT AND MOUSE KILLERS

**SANASEED.** A poisoned seed that kills mice. They are fond of it and will eat it readily. Price, postpaid, per pkg., 15c, two for 25c.

**KIL RAT.** A ready-to-use red squill mixture that kills rats, also moles. Price per pkg.,

10c; 12 pkgs. for \$1.00. Postpaid, 15c and \$1.10.

**RED CROSS RAT AND MOUSE EMBALMER.** A sure rat and mouse destroyer that does the work thoroughly without any odor. The large package is sufficient for 1000 or 1200 square feet of floor space. Price per can, 25c, 50c and \$1.00. Postpaid, 30c, 55c and \$1.10.

**MOUSE SEED.** Clean, ready for use. No bait, no muss. The seed are poisoned and mice are attracted to them. Price per box, 25c. Postpaid, 35c.

**ZELIO RAT PASTE.** A powerful poison in paste form. Easy to use—just squeeze out of a tube. Sandwich between fresh bread or mix with fresh hamburger steak, sausage, cheese or other bait. Price per tube, 50c. Postpaid, 60c.

**COWLEY'S RAT AND MOUSE EXTERMINATOR.** This preparation is a scientific chemical compound, and is made in a way that attracts the rats and mice to drink it. This is the secret: They will drink it, and as it only requires a very small amount to kill, there is no telling how many can be killed in one night. Price, 40c. Postpaid, 50c.

**CYNOGAS.** Kills rats and moles by blowing the powder in their holes and runways in the ground. A powerful poison that must be used with caution. 1/2-lb. can, 45c; 1-lb. can, 75c; 5-lb. can, \$3.00. Not mailable.

## ROACH KILLERS

**TERRO ROACH POWDER** kills roaches and waterbugs when used as directed. 4-oz. shaker top can. Price, 35c. Postpaid, 40c.

**ENOZ ROACH POWDER.** For cockroaches, silver fish, waterbugs, flies, ants, fleas, bed bugs, carpet bugs and lice. One of the strongest powders on the market. Only 3.00% inert ingredients. Shaker top can. Price, small size, 25c; medium size, 50c. Postpaid, 30c and 60c.

**\$1000 GUARANTEED ROACH KILLER.** Not an insect powder which drives roaches away

only to return later. It is prepared so that roaches like it and eat it, and so die. Shaker top can. Price, 4 oz., 35c; 9 oz., 65c. Postpaid, 40c and 75c.

**T. S. F. ROACH KILLER.** Kills roaches, ants and poultry lice. A mixture of talc and commercial Sodium Fluoride specially processed and packed in convenient shaker top can for household use. Price, 1/2 lb., 35c; 1 lb., 60c. Postpaid, 40c and 70c.

**RED DEVIL ROACH DESTROYER.** A well known product especially prepared to kill roaches and waterbugs. This is a good product and you get a lot for your money. Shaker top can—Large 4 oz. size, 25c; giant 14 oz. size, 50c. Postpaid, 30c and 60c.

**REGULAR ROACH POWDER.** A good powder packed in convenient 2-ounce size for those who need only a small amount. Price, 10c. Postpaid, 15c.

## ANT KILLERS

**ANT TERROR.** A poisoned syrup for the control of sweet-eating ants. Place a small portion on pieces of cardboard or other receptacles, at places where the ants may be seen. Small size, 25c; large size, 50c. Postpaid, 30c and 60c.

**CYANOOGAS.** A poisonous granular powder to be put in the ant nest out of doors. Put a small quantity in their nests, then cover over. The gas penetrates the galleries and kills the ants. Price, 4-oz. can with spout, 25c. Postpaid, 30c.

**ANTROL SETS.** Easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet and grease-eating ants. Proved in over a million homes. Prices—Antrol ready-filled set, containing 4 filled feeders, 40c. Postpaid, 50c. Antrol Regular set, 4 containers and 4-oz. bottle syrup—enough for 2 fillings, 75c. Postpaid, 90c. Antrol Syrup for refilling, 4-oz. bottle, 35c; pt. bottle, 85c. Postpaid, 40c and 95c.

**ACME ANT KILL.** A poisonous syrup for the control of sweet-eating ants. Pour a little Acme Ant Killer on chips or cardboards where ants are seen. For best results use with Acme Ant Kill service cups. Junior set, 2-oz. bottle syrup with 2 cups, 35c. Postpaid, 45c. Cottage set, 3-oz. bottle syrup with 5 cups, 60c. Postpaid, 70c. 3 ozs. syrup separately, 25c. Postpaid, 30c.

## ANT KILLERS—Cont.

**ANTROL ANT TRAPS.** Kills both sweet and grease-eating ants, contains two kinds of specially prepared material. Can be used inside or outside the house. Each, 10c. Postpaid, 15c.

**REGULAR ANT KILLER.** A poisoned syrup for the control of sweet-eating ants. Packed in convenient 1/2-oz. size for those who need only a small amount. Price, 10c. Postpaid, 15c.



## MOTH KILLERS

**PARADICHLOROBENZENE.** A gas-forming crystal to kill moths in closets and other closed places. Prices, 1 lb., 35c; 5 lbs., \$1.20; 10 lbs., \$2.20. Postpaid, 1 lb., 45c; 5 lbs., \$1.40; 10 lbs., \$2.50.

**LARVEX.** One spraying of Larvex protects woolen clothes, draperies, rugs and upholstery for a whole year unless you wash the article with soap. Dry-cleaning does not affect the moth-proofing qualities of Larvex at all. Larvex is odorless. You can wear Larvexed clothes any time. Price, 1 pt., 79c; 1 qt., \$1.19; 1/2 gal., \$1.79; 1 gal., \$2.69. Postpaid, 1 pt., 95c; 1 qt., \$1.40.

**\$1000 GUARANTEED MOTH KILLER.** Kills moths and carpet beetles and their eggs and larva when thoroughly sprayed on them. Does not stain and is clean and pleasant to use. Price, 1 pt., 75c. Postpaid, 90c.

## BED BUG KILLER

**\$1000 GUARANTEED BED BUG KILLER.** A very effective bed bug killer when used as directed. It is very important that Bed Bug Killer be properly sprayed. For this reason we recommend a Hudson Sprayer. Price, 1 pt., 35c; 1 qt., 65c. Postpaid, 45c and 80c.

## FLY KILLER

**FLIT FLY SPRAY.** Kills moths, mosquitoes, flies, bedbugs, roaches, ants, and many other household insects. Will not stain. For best results use Hudson Sprayer. 1/2 pt., 15c; pt., 25c; qt., 39c; gal., \$1.29. Postpaid, 1/2 pt., 25c; pt., 40c; qt., 60c.

# Meat Smoke, Meat Salt and Sausage Seasoning

## MORTON'S MEAT PUMP

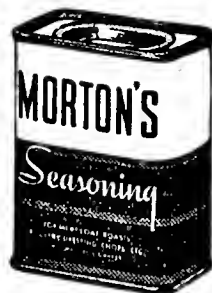
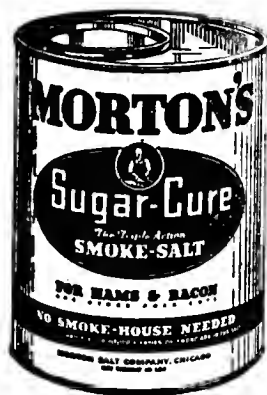
This is a quality instrument, made of heavy seamless brass, for long trouble-free use. Heavily nickel-plated. Price, \$1.50. Postpaid, \$1.60.

## MEAT THERMOMETER

Stop guessing. Make sure of proper temperatures when scalding, chilling and curing. Price, \$1.00. Postpaid, \$1.10.

## DEAM'S SKIPPER CHASER

Its use will give you the full assurance that no skippers will appear on your meat throughout the year. Will not dry out or affect the taste of the meat in any way. Will preserve and keep the meat tender until ready for use. Price, 8-oz. size, 50c; 16-oz. size, \$1.00. Postpaid, 60c and \$1.15.



## MORTON'S SUGAR CURE

"The triple action" Smoke-Salt is the blending together of the highest grade meat salt, a marvelously balanced sugar-cure, and refined condensed wood smoke. All in one easy operation you salt, sugar-cure, and impart the curative and flavoring properties of smoke to the meat. This one, convenient product enables you to do the entire job all at the same time. That is why we call it Morton's Sugar-Cure, the "triple action" Smoke-Salt. If you want the sweetest, juiciest home-cured hams and bacon for your table, then do as a million other farm families are doing—use Morton's Smoke-Salt when curing meat. Price, 2 1/8 lb. can, 25c; 10-lb. can, 90c. Postpaid, 35c and \$1.15.

## DEAM'S MEAT SMOKE

A preparation which imparts a smoky flavor to meat without danger of fire and the trouble of a smoke house. Saves time, money and worry. After salting in the usual way, apply Deam's Liquid Smoke and your meat will be cured equally as good as the old smoking methods. It leaves the meat pliable and does not dry it out like a fire. Prices, 1 pt., 39c. Postpaid, 55c. 1 qt., 69c. Postpaid, 80c.

## MORTON'S SAUSAGE SEASONING

Morton's Sausage Seasoning is a complete mixture, ready to use, nothing to add or mix. In one convenient package you get all of the seasoning ingredients needed to make sausage that is always good. The salt, spices, sage, peppers, and other seasoning ingredients are all properly blended in exactly the right proportions—there is no guesswork—no disappointment. Price, 3-oz. can, 10c; 10-oz. can, 25c. Postpaid, 15c and 35c.

## MORTON'S TENDER-QUICK

Tender-Quick is a special meat cure so perfectly blended that it produces a faster cure, an improved flavor, and more tender cured meats. It is especially prepared for making a pumping pickle to pump around the bones of hams and shoulders and large joints of other kinds of meat; and also for curing loins, backbone, spare ribs, etc., and for curing beef, lamb, and game. Price, 2 1/2-lb. can, 50c. Postpaid, 65c.

DEAM'S



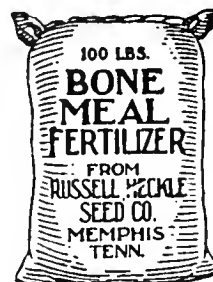
A LIQUID FOR SMOKING MEAT

# R.-H. Co.'s Fertilizers for Farm and Home Gardens



## HOW TO USE FERTILIZERS

Fifty pounds of Garden Fertilizer is sufficient for a garden 40x50 feet. For most field crops, use from 200 to 400 pounds per acre, according to the soil. Fertilizers can always be used to good advantage by opening up the row, sprinkling thinly the fertilizer; then cover same with a little soil and then sow your seed. Or, they can be used by working them into the soil along the rows after the plant is up, care being taken not to let it come in contact with the leaves or stem of the plant. For plants that are transplanted, work the fertilizer into the soil thoroughly before transplanting, using from a teaspoonful to a small handful, according to the size and the nature of the plant.



## NITRATE OF SODA

16% Nitrogen

Everyone that uses Nitrate of Soda on their cotton and corn crops will be well repaid for the expense. Application of Nitrate of Soda on cabbage, lettuce, beets, etc., makes them more crisp and tender. Always remember that Nitrate of Soda must be used carefully, as it is a caustic and will burn plants if used too liberally. It requires about 100 to 300 pounds of Nitrate of Soda to the acre, depending on the crop. Prices: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 10 lbs., 70c.

## "AERO" CYANAMID

Feeds the Crop—Sweetens the Soil—Nitrogen + Lime Fertilizer

A valuable fertilizer for all crops such as corn, cotton, gardens, grains, grasses, pastures; also fruit trees, grape vines and berry plants. Granular "Aero" Cyanamid is a concentrated fertilizer material, containing 21% nitrogen and 70% hydrated lime. In other words, one ton of Aero Cyanamid supplies 420 pounds of nitrogen and 1,400 pounds of hydrated lime. Aero Cyanamid is ideal fertilizer for your cotton. It will increase your yields. Aero Cyanamid is of especial interest by reason of its partial-sterilizing effect on the soil. Rightly used in large amounts, Aero Cyanamid aids in the control of weeds, nematodes, and disease organisms. After Aero Cyanamid has exercised its sterilizing action, and its lime has destroyed soil acids, its nitrogen is then yielded up to the crop. Ask for booklets describing this scientific fertilizer material. Prices quoted on our Green Ink Price List.

## SULPHATE OF AMMONIA

20% Nitrogen

Quickly available; not easily leached from the soil; fine and dry, easily spread by hand or machine. Ideal for top dressing grain, meadows and lawns. Apply 100 to 200 pounds per acre, depending on the crop. Prices: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 10 lbs., 70c.

## R.-H. CO.'s POTATO FERTILIZER

Analysis: 4% Nitrogen, 8% Phosphate, 8% Potash

Especially good for fertilizing Irish potatoes, sweet potatoes, tomatoes and all root crops. If properly applied it produces smoothness and firmness in the tubers and fruit, also giving earlier maturity. It is an excellent fertilizer for general crops on soils deficient in potash, especially sandy soils. Price: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 10 lbs., 70c.

## R.-H. CO.'s MARKET GARDEN FERTILIZER

Analysis: 6% Nitrogen, 8% Phosphoric Acid, 6% Potash

A very popular fertilizer among market growers who wish to get their crops on the market early. The high nitrogen content gives vegetables a quick start and pushes them to maturity. The phosphoric acid and potash are in proper proportions to give firmness and good color. Apply 500 to 800 pounds to the acre. Prices: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 10 lbs., 70c.

## R.-H. CO.'s VEGETABLE FERTILIZER

Analysis: 3% Nitrogen, 8% Phosphoric Acid, 6% Potash

This fertilizer is made from carefully selected materials containing plant foods known to be best suited to vegetable crops and is in perfect condition for distributing. Apply 500 to 800 pounds to the acre. Prices: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 10 lbs., 70c.

## R.-H. CO.'s COTTON AND CORN FERTILIZER

Analysis: 4% Nitrogen, 8% Phosphoric Acid, 4% Potash

A well balanced mixture of available plant foods especially suited to cotton and corn. Contains a large percentage of phosphoric acid which is needed to develop a good root system and to hasten the fruiting and maturity of the crop; also nitrogen and potash in the right proportions to produce the vegetative growth and give strength and vigor to the plant. Apply 300 to 500 pounds to the acre. Prices: 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c. Postpaid, 5 lbs., 45c; 10 lbs., 70c.

## R.-H. CO.'s STANDARD BONE MEAL

Made from pure animal bone thoroughly steamed and pulverized. Of the finest quality. Recommended for lawns, shrubs, trees, and all garden or farm crops. Slow acting and lasting in effects. Apply 10 pounds to 100 square feet; 500 pounds to the acre.

Prices: 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c. Postpaid, 5 lbs., 45c; 10 lbs., 75c.

## R.-H. CO.'s BIG CROP FERTILIZER

Analysis: 6% Nitrogen, 12% Phosphoric Acid, 6% Potash

A highly concentrated mixture to meet the demand for a high-analysis fertilizer. Especially suited to corn and other grain crops. One ton is equivalent in plant food to approximately two tons of a low analysis mixture. Saves handling, freight, etc. Apply 200 to 300 pounds to the acre. Prices quoted on our Green Ink Price List.

## R.-H. CO.'s ROSE GROWER BONE MEAL

A superior grade. Especially fine for roses and peonies.

Prices: 4 lbs., 25c; 10 lbs., 50c; 25 lbs., \$1.00. Postpaid, 4 lbs., 45c; 10 lbs., 80c.

## R.-H. CO.'s SHEEP MANURE

The natural fertilizer, finely pulverized. Fine for lawns, gardens and shrubbery. Improves the mechanical condition of the soil. Excellent for mulching or as a liquid manure. A splendid fertilizer for making new lawns or top dressing old lawns. Use 10 pounds to 100 square feet for mixing in soil and half that quantity for top dressing.

Prices: 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 65c. Postpaid, 5 lbs., 40c; 10 lbs., 65c.

## ACID PHOSPHATE—16%

## SUPER-PHOSPHATE—20%

16% and 20% Available Phosphoric Acid

Acid Phosphate or Super-phosphate is recommended for all grain and grass crops, cowpeas, soy beans, and for applying to lands deficient in phosphoric acid. Beneficial results follow the addition of acid phosphate to stable and barnyard manure, the mixture giving a better balanced plant food. Apply 200 to 300 pounds to the acre. Prices quoted on our Green Ink Price List.

## MURIATE OF POTASH—48% KAINIT POTASH SALTS—20%

48% and 20% Potash

Excellent for fertilizing cotton; prevents rust, increases yield. For cotton and grains, 50 to 75 pounds to acre; for potatoes, turnips and truck crops, 75 to 150 pounds to acre. Prices quoted on our Green Ink Price List.

## BASIC SLAG

Tennessee ground open Hearth Slag, the 6 in 1 soil builder and soil conditioner. Contains 45% Lime, 8% Phosphoric Acid, 5% Magnesium Oxide, 3% Manganese Oxide. Fine for winter legumes, clovers, grain crops, pastures and vegetables, etc. Increases growth as well as production. Complete descriptive folder on request. Prices quoted on our Green Ink Price List.

## VIGORO

THE COMPLETE PLANT FOOD

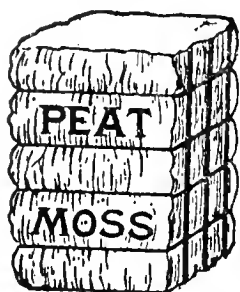
Scientists have shown that all plants require 11 different food elements from the soil if they are to have normal growth and development. That's why we recommend VIGORO for everything you grow. Vigoro, the complete, balanced plant food made by Swift, contains every one of these 11 needed elements in proper proportion. Vigoro is clean, sanitary, and odorless... one of the most economical plant foods you can buy! Use it at the rate of 4 pounds per 100 square feet of lawn or garden area.

1-lb. pkg., 10c; 5-lb. pkg., 45c; 10-lb. pkg., 85c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100 lbs., \$4.00. Postpaid, 1-lb. pkg., 20c; 5-lb. pkg., 65c; 10 lbs., \$1.15.





## SPECIALTIES FOR THE FLOWER GARDENER



### PEAT MOSS

A moisture retaining humus. It is excellent for potting bulbs and also for clayey soils, gravelly soils, flower beds, hot-beds, and as a winter protection for lawns. It is also good for mulching roses, perennial flower beds, evergreens, etc. Trial 2-bu. bale, 85c. Quantity Prices quoted on Green Ink Price List.

### SUDBURY SOIL TEST KIT

It's easy, and inexpensive, to test your own soil with Sudbury Soil Test Kits. With no red tape, you can quickly test for nitrogen, phosphorus, potash and acidity, and adjust your soil to the crops you want to grow. Home Garden Kit, \$2.00. Postpaid, \$2.25.

### VITAMIN B-1 FOR FLORICULTURE

Not a fertilizer or other form of plant food, but a root re-invigorator which enables the plant to gain the greatest possible benefit from the soil in which it is planted. Amazing results have been obtained from its use. 1-10 of a gram is enough to make 2,000 gallons of solution. Price, 1-10 of a gram, \$1.00, postpaid.

### CUT FLOWER FOOD

Bloomlife, cut-flower food, has been especially developed to give extra life, color and fragrance to all hard-stem blooms such as roses, larkspur, zinnias, peonies, chrysanthemums, lilies, etc. 1 pk. sufficient for 1 dozen roses. Price per pk., 10c; 12 for \$1.00. Postpaid, 15c and \$1.10.

### STIM-U-PLANT

Stim-U-Plant is an odorless, highly concentrated plant-food, in tablet form, guaranteed chemical analysis of 11% nitrogen, 12% phosphoric acid, 15% potash. Pkg., 10 tablets, 10c; pkg. 30 tablets, 19c; 100 tablets, 69c. Postpaid, 15c, 25c and 80c.

### ALUMINUM SULPHATE

When added to the soil at rate of 2 pounds to 20 square feet, gives plants vigor and increased growth. Used also to change color of blooms on hydrangeas. 1 lb., 10c; 3 lbs., 25c; 10 lbs., 65c; 25 lbs., \$1.50; 100 lbs., \$3.95. Postpaid, 1 lb., 20c; 3 lbs., 40c; 10 lbs., 90c.

### GARDEN LIME

Pulverized, fine, especially good for use on sour soil and where ground worms frequent. It purifies and sweetens soils. 10-lb. bag, 25c; 40-lb. bag, 50c. Postpaid, 10-lb. bag, 50c.

### ROOTONE

Use Rootone plant hormone powder for better rooting of cuttings, flower seed, bulbs, vegetable seed and grass seed. Helps check the fungi that causes rotting of seed and damping off. Safe—Simple—Sure. Just dust and plant. Price, 400 cuttings size, 25c. Postpaid, 30c. 3,000 cuttings size, \$1.00. Postpaid, \$1.10. 30,000 cutting size, \$5.00. Postpaid, \$5.10.

### AUXILIN



The Modern Root Grower—Real roots from cuttings faster, surer, cheaper. When dipped in Auxilin, difficult cuttings from plants, shrubs, trees, root easily, quickly. You get more, larger, healthier roots and less disease. 700 cuttings size, 50c; 2,000 cuttings size, \$1.00; 14,000 cuttings size, \$6.00. Postpaid, 700 cuttings size, 55c; 2,000 cuttings size, \$1.10; 14,000 cuttings size, \$6.10.

## Seed Sowers and Fertilizer Distributors

### THOMPSON WHEEL BARROW SEEDERS

**\$14.69**

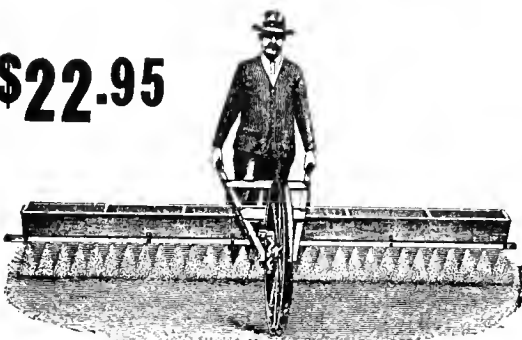


#### NO. 13 ROYAL SEEDER

The fastest grass seeder on the market. Easy running and lightweight, complete, only 50 pounds. The seed is never bunched. Seed is sown close to ground, hence wind does not blow it.

NO. 13 ROYAL, Double Hopper. 14 feet in length, having an extra deep hopper, is the best for sowing Lespedeza seed in addition to sowing alfalfa, clovers, millet, timothy, grasses, etc. With chain feed. Each, \$14.69.

**\$22.95**



#### NO. 101 UNIVERSAL DISTRIBUTOR

An all purpose distributor, broadcasts uniformly at any rate application required. Hopper capacity 1½ bushels of seed or one 100-lb. bag of fertilizer, spreading width 10 feet. The machine has a positive shutoff slide. Hopper is mounted underneath handles so that the wind does not affect uniform distribution. Weight of distributor 90 pounds. It is sturdy and well built with a substantial 32-inch steel wheel having a 2½-inch run so it operates well on tilled soil or turf. Price, 10 ft. Thompson No. 101, Universal Distributor, \$22.95.

**\$2.39**



Will sow timothy, clover, Lespedeza, oats, rye, wheat, millet, grass seeds, peas, sorghums, etc. Works perfectly; has an agitating feed plate which insures a uniform flow of seed. Each, \$2.39. By parcel post, \$2.60.

### THE HORN SEED SOWER

**95c**



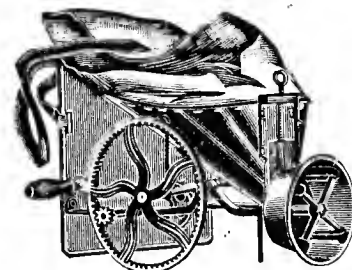
A splendid little tool. Will sow any fine seed like Lespedeza, timothy, alfalfa and grasses. Each, 95c. By parcel post, \$1.05.

### COMBINATION FERTILIZER AND SEED DISTRIBUTOR



This outfit will broadcast all kinds of seeds such as Lespedeza, lawn grass, clovers, sudan grass, millet, oats, etc., as well as distribute evenly fertilizer such as Vigoro, bone meal, sheep manures, nitrate of soda, cyanamid, etc. It can be easily regulated to put out any desired quantity. Each, \$3.49. Postpaid, \$3.70.

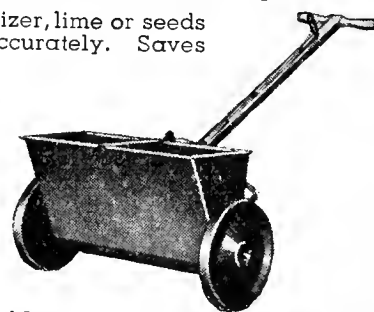
### CAHOON BROADCAST SEED SOWER **\$4.39**



One of the best seeders manufactured, and sows all kinds of grain, clover seeds, Lespedeza, etc. Very strong and durable. Each, \$4.39. By parcel post, \$4.65.

### No. 15 LAWNETTE FERTILIZER AND SEED DISTRIBUTOR **\$2.89**

Spreads fertilizer, lime or seeds evenly and accurately. Saves time, worry and labor, ideal for sowing on windy days, especially desirable on lawns since it puts down the fertilizer properly and evenly.



No. 15—14" wide.....\$ 2.89  
No. 215—24" wide..... 10.49

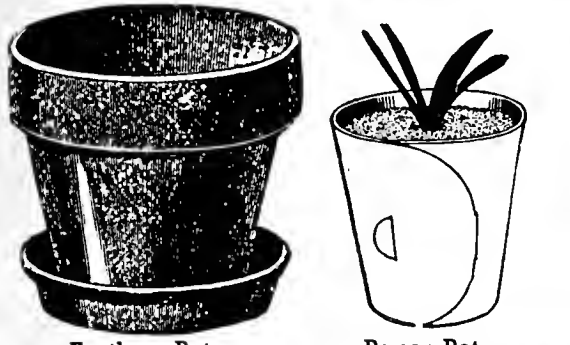
### HAND CORN PLANTERS



Especially desirable for replanting corn, etc. Both styles, either the one-hand or two-hand planters are accurate, strong and durable. They can be set to plant two to six grains in a place as required.

No. 306. Two-hand Planter, \$1.13. Postpaid, \$1.45.  
No. 311. One-hand Planter, \$1.79. Postpaid, \$2.10.

MISCELLANEOUS GARDEN TOOLS and SUPPLIES



Earthen Pot

Paper Pot

FLOWER POTS, EARTHEN

	Doz.	100
2 inch	\$ .20	\$1.20
2 1/4 inch	.25	1.35
3 inch	.30	2.00
4 inch	.35	2.50
Each		Doz.
5 inch	\$ .07	\$ .65
6 inch	.10	.95
7 inch	.15	1.60
8 inch	.20	2.25
10 inch	.40	4.25
12 inch	.75	8.50

Cannot Mail

POT SAUCERS, EARTHEN

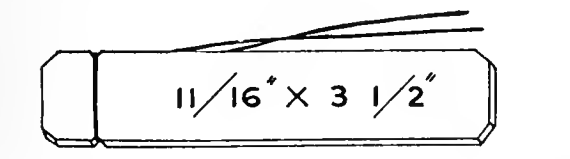
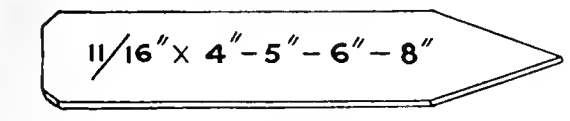
	Each	Doz.
6 inch	\$ .05	\$ .50
7 inch	.10	.80
8 inch	.15	1.25
10 inch	.20	2.25

Cannot Mail

FLOWER POTS, PAPER

	100	1000	Postpaid	100	1000
2 1/4 inch	\$ .45	\$3.75	\$ .55	\$4.10	
2 1/2 inch	.50	3.90	.60	4.30	
3 inch	.55	4.40	.65	4.80	
4 inch	.75	6.75	.90	7.25	

POT PLANT AND TREE LABELS



	100	1000
4-in. Wooden Pot Label	\$ .35	\$1.75
5-in. Wooden Pot Label	.40	2.00
8-in. Wooden Pot Label	.50	2.75
10-in. Wooden Pot Label	.65	4.50
3 1/2-in. Wired Tree Labels	.40	2.00

By Mail, add 15c per 100 and 50c per 1000.

PLANT STAKES

	Doz.	100
4-ft. Green Bamboo	\$ .15	\$ .75
6-ft. Natural Cane	.50	3.50

STRAWBERRY BOXES

- 1 pt., 100, 65c. Postpaid, 100, 95c.
- 1 pt., 1000, \$5.50. Cannot mail.
- 1 qt., 100, 75c. Postpaid, \$1.15.
- 1 qt., 1000, \$6.00. Cannot mail.

TOMATO OR PEACH BASKETS

- 2 qt., Doz., 15c; 100, \$1.10. Postpaid, doz., 25c; 100, \$1.50. (1000, \$10.00, cannot mail.)
- 3 qt., Doz., 20c; 100, \$1.40. Postpaid, doz., 30c; 100, \$1.80. (1000, \$12.50, cannot mail.)

STAVE BASKETS

	Each	Doz.
1/2 bu. wire bale, picking	\$ .20	\$2.00
1 bu. side handle, stave	.10	1.00

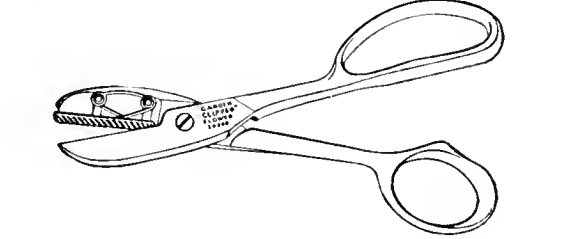
PRUNING SHEARS



- No. 119. Snap cut. Each, \$1.79. Postpaid, \$2.00.
- No. 118. Snap cut. Each \$1.19. Postpaid, \$1.35.
- No. 149. Snap cut. Long handle for trees and heavy work. Each, \$2.89. Postpaid, \$3.15.
- No. R10. Hand Shears, 8-inch. Each, 49c. Postpaid, 65c.
- No. V-1409. Hand Shears, 9-inch. Each, 98c. Postpaid, \$1.15.



- No. V40. Long handle. Each, \$2.69. Postpaid, \$3.00.
- No. V20. Long handle. Each, \$1.89. Postpaid, \$2.15.



- No. 1248. Flower Shears. Each, 59c. Postpaid, 70c.

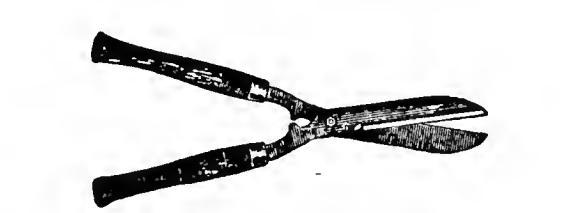
PRUNING SAW

- No. 514. 20-in. Curved Saw. Each, \$1.19. Postpaid, \$1.40.

TREE PRUNERS

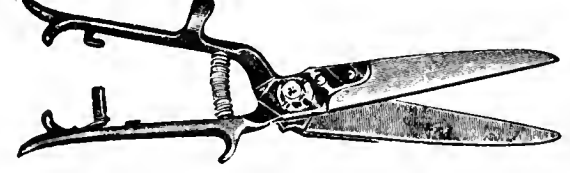
- No. 1. Telephone, less pole. Each, \$1.49. Postpaid, \$1.70.
- No. 1312. Tip Top in three 4-ft. sections. Each, \$2.29. Not mailable.

HEDGE SHEARS



- No. 600. 6 inch. 98c. Postpaid, \$1.20.
- No. 800. 8 inch. \$1.49. Postpaid, \$1.70.
- No. 900. 9 inch. \$1.69. Postpaid, \$1.90.
- No. 801. 8 inch, serrated. \$1.59. Postpaid, \$1.80.

GRASS SHEARS



- For trimming edges of flower beds.
- No. 1. Polished Grasnip. 89c. Postpaid, \$1.05.
- No. 4. Polished Grasnip. 59c. Postpaid, 75c.
- No. 90. Spring blade. 29c. Postpaid, 45c.

BROOM LEAF RAKE

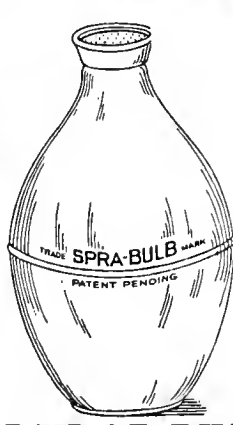
- No. GCBR22. Made of spring wire. 95c. Postpaid, \$1.25.

GRASS HOOK SICKLES

- No. 3. Offset Handle. 50c. Postpaid, 65c.
- No. 6. 43-inch Handle. Each, 95c. Can't mail.

RAFFIA

- For tying or bunching vegetables or plants, also used when budding. Small hanks, per lb., 35c; 10 lbs., \$2.75; 25 lbs., \$5.50. Postpaid, 1 lb., 45c; 10 lbs., \$3.00; 25 lbs., \$5.90.



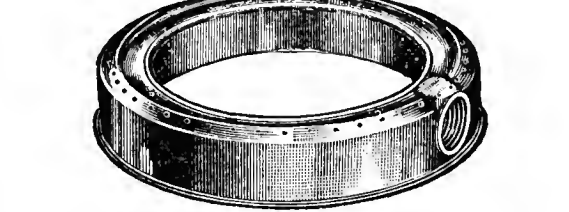
RUBBER SPRAY AND DUST BULB

- These can be used either for dusting, sprinkling or spraying. They are very heavy and durable.
- No. B (8 oz.), Spraying or Dusting. Each, 49c.
- No. C (12 oz.) Spraying or Dusting. Each, 89c.
- No. C (12 oz.), Flexible neck. Each, 98c.
- By Mail, 10c each extra.

DUPOR RESPIRATOR NO. 4

- A mechanical filter type respirator, for protection against inhaling fine dust, etc. Made of high grade rubber, equipped with face cloth, weight, 4 oz. Price, each, \$1.50. Postpaid, \$1.60.

LAWN SPRINKLERS



	Price	Postpaid
No. 57 Ring Sprinkler	\$ .75	\$ .90
No. 3045 Revolving Sprinkler	.95	1.10
No. 200 Revolving Sprinkler	1.10	1.25
No. 15 Fan Sprayer	.40	.50
No. 303 Adjustable Spray Nozzle	.40	.50
Rubber Washers.....8 for	.05	5 for .05

EEZY-WEAR GLOVES

- Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—For men: "Medium," and "Large." Price, 75c per pair. Postpaid, 85c.

TWINES

- 2-ply Jute, 1/2-lb. balls. Each, 13c; 2 for 25c; 9 for \$1.00. Postpaid, 20c, 35c, \$1.20.
- 2-ply Jute, 25-lb. coil, 100 ends. Per coil, \$4.75. Postpaid, \$5.25.
- 6-ply Cotton, 2 1/2-oz. ball. 5-lb. pkg. for \$1.50. Postpaid, \$1.70.
- 6-ply Cotton, 2 1/2-lb. cone. 75c. Postpaid, 90c.
- Sisal Binder Twine, 5-lb. ball for 70c. Postpaid, 90c.

TROWELS AND HAND FORKS



	Each	Postpaid
No. T-15. Gar. Trow., long handle	\$ .35	\$ .45
No. W-6. Hand Weeder	.10	.15
No. T-4. Garden Trowels	.10	.20
No. T-5. Transplanting Trowel	.10	.20
No. T-10. Garden Trowel, heavy	.80	.90
No. T-20. Garden Trowel	.25	.35
No. 7. Aluminum Trowel	.60	.70
No. 8. Aluminum Transplant	.55	.65
No. F-30. 3-time Hand Fork	.50	.60

MISCELLANEOUS SUPPLIES

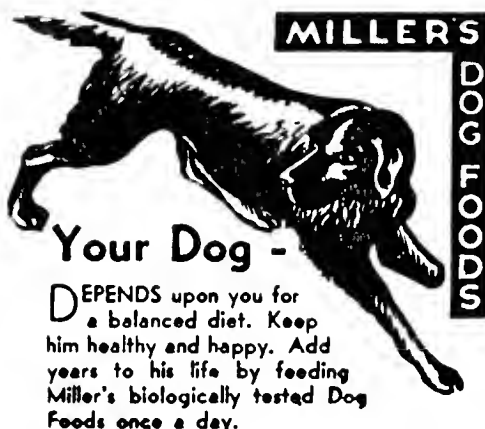
	Each	Postpaid
No. 0. Asparagus Knife	\$ .30	\$ .40
No. 223. Dandelion Weeder	.50	.60
No. 2219. Garden Dibble	.55	.65
No. 10. Weather-proof Pencil	.10	.15
No. 170. Weed Cutter	.95	1.20
Blades for Weed Cutter	.50	.70

MOLE TRAPS

- Little Giant. Each, 89c. Postpaid, \$1.10.
- Reddick. Each, 98c. Postpaid, \$1.25.



## DOG AND CAT REMEDIES AND SUPPLIES



**MILLER'S DOG FOODS**

**Your Dog -**

**DEPENDS** upon you for a balanced diet. Keep him healthy and happy. Add years to his life by feeding Miller's biologically tested Dog Foods once a day.

**MILLER'S DOG RATION** is one of the best balanced dog feeds in the United States. Contains cereals, meat, bone, yeast and cod liver oil. It is fed to hunting dogs, police dogs, fox terriers, bulldogs and all other kinds—it is also fine for puppies. It is cooked and ready to use when received. 1 lb., 10c; 3 lbs., 25c; 10 lbs., 65c. Postpaid, 1 lb., 20c; 3 lbs., 40c; 10 lbs., 90c.

**MILLER'S MEATIES**, the cube form of Miller's Dog & Puppy Ration. A most convenient method of feeding dogs, and do they like it! No other cube form of dog feed can compare with Miller's Meaties. The animal is the judge, he knows best what he likes. Ready for instant feeding of the pets. 1 lb., 10c; 3 lbs., 25c; 10 lbs., 75c. Postpaid, 1 lb., 20c; 3 lbs., 40c; 10 lbs., \$1.00.

**MILLER'S BISCUITS**—besides providing the gnawing foods all dogs need for clean, strong teeth, healthy gums, and good digestion—supply food for all of your dog's body so that no organs age faster than others through lack of correct nourishment. Help your dog live longer. Feed Miller's Biscuits 4 or 5 mornings a week. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c. Postpaid, 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.10.

**MILLER'S KIBBLED BISCUIT** is the same as whole only in broken form, which makes it convenient for mixing with vegetables, meat, fish, soups, broths, etc. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c. Postpaid, 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.10.

**MILLER'S PUPPY MEAL** is especially adapted for the tender digestive organs of puppies. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 85c. Postpaid, 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.10.

### CHARCOAL CAKES

Aids digestion and sweetens the breath. Feed once or twice a week as a general conditioner and to round out the diet. 1 lb., 10c; 10 lbs., 95c. Postpaid, 1 lb., 20c; 10 lbs., \$1.20.

### CHAMPION N. S. KIBBLED

A complete and balanced diet for dogs and puppies of any breed. Champion North Star Kibbled, North Star Whole Biscuit. 1 lb., 10c; 10 lbs., 95c. Postpaid, 1 lb., 20c; 10 lbs., \$1.20.

### CHAPPEL'S KEN-L-WORTH

A supreme dog food in kibbled form. Your dog will thrive on Ken-L-Worth. It is used now by many large kennels and dog owners. 1 lb., 10c; 10 lbs., 95c. Postpaid, 1 lb., 20c; 10 lbs., \$1.20.

### MILK BONE

Made by National Biscuit Company

Milk Bone Biscuit contains only good, clean, wholesome, nourishing ingredients and absolutely no sugar, spices, drugs, preservatives or artificial flavor or color. It is a well-balanced, appetizing food, easily digested and equally suitable for all breeds.

	Each	Postpaid
1 lb. 6 oz. box Dog Biscuit.....	\$ .35	\$ .45
1 lb. 10 oz. box Puppy Biscuit .....	.35	.45
1 lb. 6 oz. box Junior Biscuit.....	.35	.45
7½ oz. box Junior Biscuit.....	.15	.25
10¼ oz. box Tiny-bits Kibbled ..	.15	.25

### CANNED DOG FOODS

**WEEN**, the most modern food for puppies and young dogs, like the mother dog's milk. Ween is easily digested, easily assimilated. Makes puppies thrive and grow. Ween is a liquid food to replace mother dog's milk for puppies. It is easy to use; saves orphan puppies, helps mother dog, and is fine at weaning time. 16-oz. can, 20c; 12 cans, \$2.00. By mail, can, 30c; 12 cans, \$2.35.

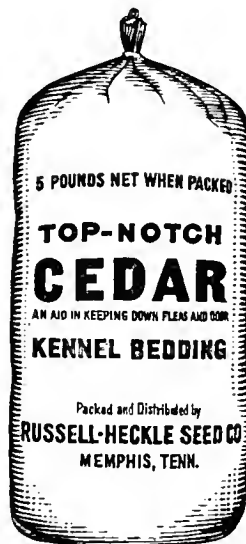
**PARD**, a ready-to-serve ration made especially for dogs and cats of all breeds and ages. Contains meat by-products, meats, wheat, barley, dry skim milk, tomato puree, edible bone, sodium chloride, cod liver oil. 1 lb. can, 10c; 12 cans for \$1.10. Postpaid, 1 lb. can, 20c; 12 cans, \$1.45.

**RED HEART** is available in 3 different flavors, beef, fish and cheese. All three diets are made from the same nutritious ingredients—beef by-products, beef, vegetable meal, cereals, bone-meal and cod liver oil. 1-lb. can, 10c; 12 cans, \$1.00. Postpaid, 1-lb. can, 20c; 12 cans, \$1.35.

**MILLERS**, a clean meat product, 55% beef, designed to meet the needs of a quick lunch for dogs and puppies; rich in protein and organic matter. Can be used as a complete food, or with Miller's Ration. 1-lb. can, 10c; 12 cans, \$1.00. Postpaid, 1 can, 20c; 12 cans, \$1.35.

### TOP NOTCH CEDAR KENNEL BEDDING

A sanitary bedding for all dogs, cats and other animals. Contains oil and odor of the original cedar wood. Keeps down fleas and doggy odor. 5 lbs., 25c; 10 lbs., 45c; 25 lbs., 95c; 50 lbs., \$1.75; 100 lbs., \$2.95; Postpaid, 5 lbs., 45c; 10 lbs., 75c.



### ROSE'S KIBBLED BISCUIT

A balanced ration with vitamins, a fine food that your dog will like and thrive on. 1 lb., 10c; 4 lbs., 35c; 10 lbs., 80c. Postpaid, 1 lb., 20c; 4 lbs., 50c; 10 lbs., \$1.05.

### ROSE'S DOG CUBES

Contains more than 15% raw beef and raw beef bones. It is made in block form to make your dog chew his food. 1 lb., 10c; 3 lbs., 25c; 10 lbs., 75c. Postpaid, 1 lb., 20c; 3 lbs., 40c; 10 lbs., \$1.00.

### ANIMAL YEAST FOAM

The amazing food supplement that keeps dogs and cats healthier and happier. Improves appetite and digestion, gives thicker, glossier coat, keeps skin cleaner. 4-lb. box, 95c. By mail, \$1.15.

### FLEISCHMANN'S YEAST

Irradiated Dry Yeast aids digestion and increases the appetite of all animals. Rich in vitamins B, G and D. 3½-oz. can, 25c; ½-lb. can, 50c; 1-lb. can, 85c; 5-lb. can, \$3.50. By mail, 30c, 60c, 95c, and \$3.70.

### COOPER'S DISINFECTANT

Holds down odors and fleas in kennels, in addition gives a healthy condition to all surroundings. ½ pt., 25c; pt., 35c; qt., 50c; gal., \$1.40. Not mailable.

### LIQUID GARLIC

The ideal natural tonic, conditioner and preventative for dogs, cats and foxes. 2-oz. bottle, 45c; 4-oz. bottle, 75c. Postpaid, 2 oz., 55c; 4 oz., 85c.

### PULVEX REMEDIES

**PULVEX COMBINATION WORM TREATMENT.** This is the only treatment in one package that expels tape and round (ascaris) and hook worms. 47c and 72c sizes. Postpaid, 55c and 80c. State whether for puppy or dog.

**PULVEX TAPE AND ROUND WORM CAPSULES** expels tape and 45% round worms in puppies and dogs. Each, 10c; 3 for 25c; 6 for 35c. Postpaid.

**SOPEX SHAMPOO.** Ultrafine vegetable compound that cleans thoroughly, kills fleas and lice and leaves the hair with a beautiful, silky dog-show sheen. 4 oz., 72c. Postpaid, 80c.

**PULVEX FLEA POWDER** actually kills fleas instead of merely stupefying them. Odorless, non-irritating and relatively harmless. Shaker top, 2-oz. can, 47c; 12-oz. can, \$1.21. By mail, 55c and \$1.30.

**PULVEX KUR-MANGE.** Ideal wash or dressing to relieve itching and kill the mites that cause sarcoptic mange. Kills fleas and lice. Price, 72c. Postpaid, 80c.

**PULVEX DRY CLEANER.** Cleans dog perfectly without water. Ideal in cold weather; kills fleas, destroys odors and gives hair new luster. Price, 47c. Postpaid, 55c.

**PULVEX 6-USE DOG SOAP** oils the skin, tones, kills fleas, deodorizes "doggie" odors, cleans, gives hair a dog-show sheen—all in a single operation. Price, 47c. Postpaid, 55c.

**PULVEX DOG SOAP** cleans, deodorizes, kills fleas, and grooms. Cake, 23c. Postpaid, 30c.

### MILLER'S DOG SOAP

A highly scented dog soap that has flea-killing abilities. Miller's soap is really a boon to dog owners. Price, cake, 25c; 6 cakes, \$1.25. Postpaid, 30c and \$1.40.

### CUPID CHASER

This preparation will keep dogs away from females in season. Don't spay or spoil your female puppy. Cupid Chaser will prevent breeding and its use will prevent embarrassment when your female comes in season. We also have "Tom-Scat," a preparation for cats at the same price. Price, \$1.00, postpaid.

### "DOGZOFF"

Spray it on shrubs and evergreens to keep dogs from becoming a nuisance. One spraying will last three or four weeks. Bottle, 60c. Postpaid, 65c.

### FUME OGEN

Dog and cat repellent and insecticide in convenient powder form. 9-oz. can, 50c. Postpaid, 60c.

### SIXTY MINUTE WORMER

The safe, sure, quick-action worm expeller for dogs, puppies, cats and kittens. Easy to administer, just mix with food, takes effect in 60 minutes. ¼-doz. size, 15c; 1-doz. size, 60c. Postpaid, 20c and 70c.

### QUADINE

The all-purpose skin remedy for dogs. An aid in the treatment of mange, eczema, vermin, cuts, ringworm, does away with that doggy odor. Safe, easy and convenient to use.

	Postpaid
2-oz. Trial size Quadine.....	\$ .60 \$ .70
4-oz. Bottle .....	1.00 1.10
12-oz. Bottle .....	2.00 2.15
2-oz. Bottle with atomizer.....	1.50 1.65



Price, 25c and 50c. Postpaid, 30c and 60c.



## NOTICE

On this page and page 60 will be found a partial list of nationally known pet items that we carry in stock at all times. We have others, too numerous to mention in this limited space. If you don't see what you want, write us anyway, maybe we have it. If not we will make an honest effort to obtain same for you.

## SERGEANT'S REMEDIES

WRITE FOR SERGEANT'S DOG BOOK. It's free.

	Each	Postpaid
Sergeant's Arsenic Iron Pills.....	.49	.60
Sergeant's Canker Wash.....	.49	.60
Sergeant's Carbolic Tar Soap.....	.21	.25
Sergeant's Condition Pills.....	.49	.60
Sergeant's Diuretic Pills—Rheumatism .....	.49	.60
Sergeant's Expectorant Medicine—Coughs .....	.49	.60
Sergeant's Eye Wash.....	.49	.60
Sergeant's Intestinal Astringent—Diarrhea .....	.49	.60
Sergeant's Laxative Capsules.....	.49	.60
Sergeant's Liniment .....	.49	.60
Sergeant's Mange Medicine.....	.57	.70
Sergeant's Mouth Wash.....	.49	.60
Sergeant's Nerve Sedative—Running Fits .....	.49	.60
Sergeant's Pine Oil Disinfectant..	.49	.60
Sergeant's Pepsin Tablets.....	.49	.60
Sergeant's Puppy Worm Caps.....	.49	.60
Sergeant's Skip Flea Pwd., 2 oz.	.29	.35
Sergeant's Skip Flea Soap.....	.21	.25
Sergeant's Special Medicine.....	.98	1.10
Sergeant's Sure-Shot Worm Caps	.49	.60
Sergeant's Sure-Shot Worm Liq.	.49	.60
Sergeant's Tape Worm Medicine..	.49	.60
Sergeant's Vita Pets.....	.49	.60

## JUSTRITE DOG REMEDIES

Justrite Worm Tablets—Pkg. 6 tablets.....	\$ .10
Justrite Bath and Flea Soap.....	.10
Justrite Flea Powder. Junior can.....	.10

(Postage on above, 5c each extra.)

## DELCREO DOG REMEDIES

	Each	Postpaid
Delcreo Tonic, 2-oz. bottle.....	\$ .75	\$ .85
Delcreo Tonic, 4-oz. bottle.....	1.50	1.60
Delcreo Tonic, 16-oz. bottle.....	5.00	5.25
Delcreo Cod Liver Oil, 4 ozs.....	.35	.45
Delcreo Sulfinol, 4 ozs.....	.50	.60
Delcreo Sulphur Compound.....	1.00	1.10

## RUBBER PLAYTHINGS

AMERICAN MADE  
BEST GRADE RUBBER

	Each	Postpaid
Rubber Dog Bone, scented.....	\$ .15	\$ .20
Rubber Pup Head, small.....	.15	.20
Rubber Rat, large .....	.10	.15
Rubber Ring, scented .....	.15	.20
Real Bone, sterilized.....	.15	.20
Solid Rubber Ball, scented.....	.15	.20
Scented, Whistle Ball, small.....	.15	.20
Scented Whistle Ball, large.....	.20	.25
Rubber Bell Ball, scented.....	.15	.20
Rubber Tug Toy .....	.35	.40
Thick Rubber Ball.....	.25	.30
Octagon Rubber ball, with bell....	.20	.25
Solid Rubber Rat, scented.....	.25	.30

## MISCELLANEOUS ITEMS

	Each	Postpaid
Duplex Stripping Comb.....	\$1.00	\$1.10
Package of 5 Blades for above....	.50	.55
Oval Brush with Strap.....	.50	.55
Double Dog Brush.....	.60	.70
Steel Combs, all styles.....	.25	and up
Aluminum Combs, all styles.....	.25	.30
Dog Candy, no sugar.....	.10	.15
Chain Lead, 4 ft.....	.15	.25
Chain Lead, 6 ft.....	.30	.40
Leather Leads, round and flat....	.15	and up
Braided Leads, 48 in.....	.35	.45
Choke Chain, 18-20-22 in.....	.50	.60
Show Dog Chalk Block.....	.30	.35
Show Leads, braided silk.....	.95	1.00
Show Leads, rawhide.....	.95	1.00
Show Leads, leather.....	.45	.50
Show Leads, leather.....	.75	.80
Bench Chains, medium.....	.95	1.10
Dog Blankets, 100% wool.....	1.25	1.40
Dog Sweaters, 100% wool.....	1.25	1.40
Doggy-Dyner, Ritz model.....	1.50	1.65
Doggy-Dyner, Deluxe model.....	1.00	1.25
Doggy-Dyner, Spaniel model.....	2.00	2.25
Dog Collars .....	.10	and up
Dog Harness, double leather.....	.50	and up

## FOR THE CAT

	Each	Postpaid
Catnip Mouse .....	\$ .10	\$ .15
Catnip Toy .....	.20	.25
Loose Catnip .....	.10	.15
Kit Kat Tonic.....	.25	.35
Red Heart Cat Food, 1/2-lb. can....	.05	.10
Tiny Bits Dry Cat Food, 10 1/4 oz.	.15	.25
Cat Collar, with bells.....	.25	.30

# BIRD AND FISH FOODS, REMEDIES & SUPPLIES

## JUSTRITE BIRD FOOD AND REMEDIES



	Each	Postpaid
Justrite Bird Bitters, 1-oz. bottle.....	\$ .10	\$ .15
Justrite Bird Bitters, 2-ozs. with dropper....	.25	.35
Justrite Bird Charcoal, box .....	.10	.15
Justrite Bird Gravel, box .....	.10	.25
Justrite Bird Nesting Hair, pkg.....	.10	.15
Justrite Bird Salve, pkg.....	.15	.20
Justrite Bird Tonic, bottle.....	.25	.35
Justrite Bird Wash, 2-oz. bottle.....	.15	.25
Justrite Bird Cuttle Bone, each.....	.05	.10
Justrite Bird Feather Pulling Food, pkg.....	.25	.30
Justrite Bird Lice Powder, can.....	.10	.15
Justrite Bird Nest Eggs, artificial, dozen....	.25	.35
Justrite Bird Nestling and Mating Food, pkg.....	.10	.20
Justrite Bird Moulting Food, 1 1/2-oz. can.....	.10	.15
Justrite Parrot Food, 14-oz. carton.....	.25	.35
Justrite Bird Song Restorer, 1 1/2-oz. can.....	.10	.15
Justrite Canary Treats, 2 in pkg.....	.05	.10
Justrite Cage Cleaner, kills lice in cage, 4-oz. bottle.....	.15	.20
Justrite Color and Pepper Food, brings out beautiful deep color, 1 1/2 oz.....	.10	.15
Justrite Honey Roll with Charm Bell, an exerciser and food	.10	.15
Justrite Imported Bird Seed, 7-oz. carton.....	.10	.20
Justrite Iron Tonic, makes them strong and restores appetite 1-oz. bottle.....	.10	.15
Justrite Love Bird Seed, 14-oz. carton.....	.15	.25
Justrite Mixed Bird Seed with Bird Biscuit and Cuttlebone, 10 ozs. ....	.15	.20
Justrite Canary Health Food with cod liver oil, supplies vitamins A, B and D, 1/2-oz. can.....	.10	.15

## R.-H. CO.'S BIRD SEED

	Lb.	Postpaid
R.-H. Co.'s Mixed Canary .....	\$ .15	\$ .25
R.-H. Co.'s Bird Hemp .....	.15	.25
R.-H. Co.'s Bird Rape .....	.15	.25
R.-H. Co.'s Bird Millet .....	.10	.20
R.-H. Co.'s Plain Canary .....	.15	.25
R.-H. Co.'s Sunflower Seed .....	.15	.25

## LOOSE CUTTLE FISH BONES

Loose, 2 for 5c; lb., 40c. By mail, 2 for 10c; lb., 50c

## EIGHT-IN-ONE HEALTH AND SONG RESTORER

A quick relief for colds and loss of song and moulting out of season in canaries. Keeps them in song. 3-oz. bottle, 25c. Postpaid, 35c.

## MISCELLANEOUS BIRD SUPPLIES

	Each	Postpaid
Colored Opal Bird Cups, green, black and red.....	\$ .10	\$ .15
White Opal Bird Cups.....	.05	.10
White Opal China Bath.....	.10	.15
White China Treat Cups.....	.05	.10
Round Bird Swing, cedar.....	.15	.20
Round Bird Swing, plain wood.....	.10	.15
Square Bird Swing, cedar.....	.15	.20
Square Bird Swing, plain wood.....	.10	.15
Pulvex Lice and Mite Powder.....	.25	.30
Opera Perch Brush.....	.35	.40
Ideal Perch Cleaner.....	.10	.15
Swivel Swing Perch.....	.10	.15
Wood Clip Perch, plain.....	.10	.15
Wood Clip Perch, cedar.....	.15	.20
Plain Perch, cedar, 7 1/2", 9", 10", 11", 12", 14".....	.10	.15
Bird Cage Wall Bracket, 10 in., ivory-green.....	.15	.25
Inside Wire Nest with Clamp.....	.10	.15
Aluminum Leg Bands, consecutive numbers.....	.05	.07

## GOLD FISH FOOD AND SUPPLIES

	Pkg.	Post-
	Each	paid
Natural Fish Food.....	\$ .10	\$ .15
Wafer Fish Food, large size.....	.10	.15
Tropical Fish Food, fine or coarse.....	.10	.15
Turtle Food .....	.10	.15
Natural Fish Food, 1-lb. pkg.....	.50	.60
White Fungus Remedy, 1-oz. bottle.....	.10	.15
Colored Shells for aquariums.....	.10	.20
Colored Chips for aquariums.....	.10	.20
Aquarium Cement, mends all leaks, small package.....	.10	.15
Aquarium Cement, 1-lb. can.....	.50	.65
Aquarium Ornaments, assorted kinds.....	.10	.15
Aquarium Dip Net for Goldfish, 4-inch.....	.10	.15
Aquarium Dip Net for Tropical Fish.....	.10	.15
Aquarium Dip Net for Goldfish, large size.....	.35	.45
Aquarium Gravel, Silver, 28-oz. carton.....	.10	.25
Purifier Antiseptic Ball for Aquariums.....	.10	.15
Feeding Rings, glass, square and triangle.....	.10	.15

## FISH BOWLS

Size	Price
1 Quart .....	\$ .15
2 Quarts .....	.25
1 Gallon .....	.45
2 Gallons .....	.95

TWO STYLES  
OCTAGON AND DRUM

## AQUARIUMS

Size	Price
2 Gallons .....	\$1.50
3 Gallons .....	2.00
5 Gallons .....	3.00
7 Gallons .....	3.75
10 Gallons .....	4.75
15 Gallons .....	7.50

Packing and Shipping Charges Extra

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



# TESTED REMEDIES FOR STOCK AND POULTRY



## PRATT'S REMEDIES

**PRATT'S POULTRY REGULATOR.** Increases egg production, a most satisfactory preparation. 1½-lb. pkg., 23c; 4-lb. pkg., 41c; 12½-lb. pkg., \$1.39; 25-lb. pail, \$2.69. Postpaid, 40c, 60c, \$1.65 and \$3.10.

**PRATT'S N. K. CAPSULES.** This new Split Action worm capsule, containing both Kamala and Nicotone, is safe, sure and effective. Adult size. Dozen, 25c; 50, 60c; 100, \$1.00; 1,000, \$8.50, postpaid.

Chick and Pullet Size: Doz., 20c; 50, 50c; 100, 75c; 1000, \$6.00, postpaid.

**PRATT'S WORM POWDER.** A flock treatment for round and pin worms in poultry. 100-hen size, 67c; 500-hen size, \$2.29. Postpaid, 80c and \$2.45.

**PRATT'S CHICK TABLETS.** A bowel astringent. 29c and 59c size, postpaid.

**PRATT'S DISINFECTANT.** For poultry houses, barns, etc. Pint, 39c. Postpaid, 55c. Quart, 49c. Postpaid, 70c. Gallon, \$1.39. Postpaid, \$1.75.

**PRATT'S INHALANT.** A flock treatment for colds in poultry. Pint, 59c. Quart, 98c. Postpaid, 75c and \$1.20.

**PRATT'S R. P. TABLETS.** For roup and colds, 23c and 49c pkg., postpaid.

**PRATT'S LICE POWDER.** Kills poultry lice effectively and quickly. Per box, 27c. Postpaid, 40c.

**PRATT'S ANIMAL REGULATOR.** A conditioner and tonic for live stock. Small pkg., 23c; med. pkg., 41c; 25-lb. pail, \$2.69. Postpaid, 35c, 55c and \$3.10.

## DR. SALISBURY'S REMEDIES

**AVI-TONE.** A tonic; also prevents worms in chicks and poultry. 10-oz. pkg., 25c; 3-lb. pkg., \$1.10; 6-lb. pkg., \$2.00. Postpaid, 35c, \$1.25 and \$2.20.

**CAMPHOSAL.** For roup and colds in poultry. 2-oz. can, 45c; 4 ozs., 75c; 8 oz., \$1.10. Postpaid, 55c, 85c and \$1.25.

**PHENOSAL.** For bowel trouble and diarrhea in chickens and turkeys. 25 tablets, 25c; 50 tablets, 50c; 125 tablets, \$1.00; 300 tablets, \$2.00. Postpaid, 30c, 60c, \$1.10 and \$2.15.

**RAKOS.** Astringent and acidifying flock treatment for poultry. ½ pt., 75c. Postpaid, 85c.

**STOP PICK.** Prevents toe and vent picking. 2½-oz. jar, 25c. Postpaid, 35c.

**FOWL POX VACCINE.** Prevents and cures sore-head or chickenpox in poultry and turkeys. 100-dose size, 75c; 500-dose size, \$3.25. Postpaid, 85c and \$3.35.

## MISCELLANEOUS REMEDIES

**KOW-KARE.** A medicine and tonic for cows and cows only. Aids digestion, increases the milk, helps keep cows healthy. 65c and \$1.25 cans. Postpaid, 75c and \$1.40.

**BAG BALM.** Cures udder trouble and caked bags in cows. Box, 60c. Postpaid, 70c.

**BEE-DEE.** This is a real medicine for all stock. It will keep your animals in good condition and prevent diseases. 25c and 50c pkgs. Postpaid, 30c and 60c.

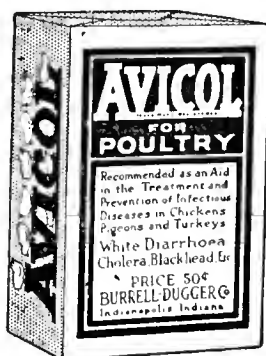
**BLACKMAN'S MEDICATED SALT BRICK.** Fine for all stock; medicated salt. Brick, 25c; case 12 bricks, \$2.40. Postpaid, brick, 40c.

**SALVET.** A worm destroyer, digester, and conditioner for sheep, hogs and other animals. 3-lb. pkg., 95c; 7½-lb. pkg., \$1.85; 15-lb. pkg., \$3.00. Postpaid, 3-lb. pkg., \$1.10; 7½-lb. pkg., \$2.05; 15-lb. pkg., \$3.40.

**PURPLE DRINK TABLETS.** Used in the drinking water for baby chicks, turkeys, ducks and geese. Turns the water purple. 25 tablets in package, 10c. Postpaid, 2 for 25c.

**POULTRY LITTER.** A perfect deodorizer. It absorbs, keeps poultry houses sanitary. 2-bu. bag, 85c. Cannot be mailed. Quantity prices quoted on Green Ink Price List.

**AVICOL.** Recommended for its special astringent action on the intestinal tract of baby chicks. To be used in the drinking water. 2 sizes, 45c and 90c, postpaid.



**WALKO.** For the drinking water for baby chicks, turkeys, ducks, or geese. Also for older fowls. 2 sizes, 50c and \$1.00, postpaid.

**LEE'S GERMOZONE.** For putting in drinking water of poultry as a preventative of transmittal diseases through drinking water. For simple diarrhea and bowel trouble. Also good for antiseptic application for ocular roup, etc. 4-oz. bottle, 40c; 12-oz. bottle, 75c; 32-oz. bottle, \$1.50. Postpaid, 50c, 90c, and \$1.70.

**KORUM.** Used in the prevention and treatment of bowel trouble in chicks and turkeys. Given in the drinking water. 8-oz. bottle, 65c; 16 oz., \$1.00; 32 oz., \$1.75. Postpaid, 80c, \$1.20, \$2.00.

**NOPCO XX.** "A blend of vitamin A and D concentrate from fish liver oils with non-destearinated cod liver oil, not U.S.P. (darker color and stronger odor)." Promotes growth, increases egg production and prevents diseases. 2-lb. can, \$1.20; 5-lb. can, \$2.90. Postpaid, \$1.40 and \$3.10.

**GROUP OVER.** The over-night roup remedy. Gives quick results. 50c and \$1.00 bottles. Postpaid, 60c and \$1.10.

**PINE WHITE.** A deodorant and disinfectant. White wash paint, brightens, whitens, purifies, stays white and sticks—used as a white wash. 5-lb. pkg., 60c. Postpaid, 80c.

**BLACK LEAF 40.** Kills poultry lice by painting it on the roosting poles. 1-oz. bottle, 35c; 5 ozs., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$10.60. Postpaid, 1 oz., 35c; 5 ozs., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$6.00; 10 lbs., \$10.90.

**BLACK LEAF 40 WORM PELLETS.** The single or individual treatment for round worms in poultry; safe and effective. Doz., 20c; 100, 85c; 500, \$3.25; 1000, \$6.00, postpaid.

**BLACK LEAF 40 WORM POWDER.** A flock treatment for all worms in poultry. 100-dose size, 75c; 600-dose size, \$3.00, postpaid.

**TOBACCO POWDER, GOLD LEAF.** Use 2 lbs. to 100 lbs. of poultry mash to prevent worms in chickens. 2-lb. pkg., 25c. Postpaid, 40c. 10-lb. pkg., 75c. Postpaid, \$1.00.

**CREWOOD OIL.** Kills mites and lice in the poultry house, termites and flying ants in houses. Gal., 90c; 2½ gals., \$1.50; 5 gals., \$2.50; 10 gals., \$4.75; 50-gal. drum, \$16.00. Can't mail.

**FLEISCHMANN'S YEAST.** Helps keep poultry in healthy condition. 3½ ozs., 25c; ½-lb. can, 50c; 1 lb., 85c; 5 lbs., \$3.50. Postpaid, 30c, 60c, 95c, and \$3.70.

**CHOLERINE.** An iron tonic recommended in all cases and for all purposes in which an iron tonic is beneficial. 8-oz. bottle, 35c; 16-oz. bottle, 65c; 1 qt. bottle, \$1.00. Postpaid, 45c, 80c, \$1.25.

**RAY-ZEM.** A real preparation. Used for prevention and treatment of diseases common to turkeys. 4-oz. can, 50c; 8-oz. can, \$1.00; pt. can, \$1.50; qt. can, \$2.00; ½ gal., \$2.75. By mail, 60c, \$1.10, \$1.65, \$2.20, and \$3.00.

**T.S.F.—SODIUM FLUORIDE.** Sure death to lice on poultry, water bugs, ants and roaches. 35c and 60c cans. Postpaid, 40c and 70c.

**WORM-R.** You cannot raise poultry successfully unless they are properly wormed. Russell's Worm-R is a Nicotine Kamala combination for expelling large round worms in chicks, hens and turkeys. Russell's Worm Powder is thorough and dependable. We recommend it in every way. 3½-oz. pkg., enough for 80 hens or 250 chicks, 65c. Postpaid, 75c. 7-oz. pkg., \$1.00. Postpaid, \$1.10.

**WORM R. TABLETS.** Individual treatment to expel large round worms and de-segment large tape worms in poultry and turkeys. Bottle 200 tablets, chick size, \$1.00. By mail, \$1.10. Bottle 100 tablets, hen size, \$1.00. By mail, \$1.10.

**ZENOLEUM.** A wonderful disinfectant and germicide. 8-oz. can, 35c. Postpaid, 45c. Pint can, 50c. Postpaid, 65c. Qt. can, 75c. Postpaid, 90c. ½-gal. can, \$1.25. Postpaid, \$1.45. 1-gal. can, \$2.00. Postpaid, \$2.25. 5-gal. can, \$6.75.

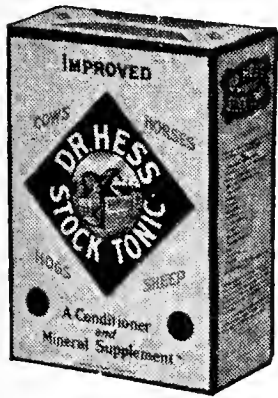
**POULTRY YEAST FOAM.** A valuable food supplement with vitamins. Makes chicks grow fast, prevents disease. 4-lb. box, 95c. Postpaid, \$1.15.

**DON SUNG.** A tonic that makes hens lay. 2 sige, postpaid, 45c and 90c.



# DR. HESS REMEDIES FOR STOCK and POULTRY

## DR. HESS STOCK TONIC



A conditioner and mineral supplement for, cows, horses, sheep and hogs. Increases appetite, aids digestion and assimilation. Promotes proper elimination. Tests show cows receiving tonic consume 7% to 10% more feed and give 18% to 20% more milk. Feeder cattle show average increased daily gain one-third pound per head. Valuable aid to calving. Conditions horses and mules for work.

100-lb. drum	\$9.40.
35-lb. pail	3.95.
25-lb. pkg.	2.85. Postpaid, 3.30
15-lb. pkg.	1.90. Postpaid, 2.20
7-lb. pkg.	.95. Postpaid, 1.15
3-lb. pkg.	.45. Postpaid, .60
1 1/2-lb. pkg.	.25. Postpaid, .40

## DR. HESS HOG SPECIAL

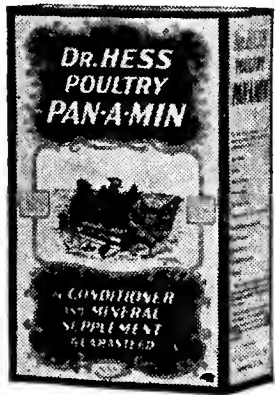
Conditioner and mineral supplement especially designed for swine. Tests show hogs reach market weight 15% less time on 25% less feed. Especially indicated for runty, unthrifty pigs.



<b>Not postpaid</b>	
100-lb. drum	\$9.40
35-lb. pail	3.95
25-lb. pkg.	2.85
15-lb. pkg.	1.90
7-lb. pkg.	.95
3-lb. pkg.	.45
1 1/2-lb. pkg.	.25
<b>Postpaid</b>	
25-lb. pkg.	\$3.50
15-lb. pkg.	2.20
7-lb. pkg.	1.15
3-lb. pkg.	.60
1 1/2-lb. pkg.	.40

## DR. HESS POULTRY PAN-A-MIN

A conditioner and mineral supplement for poultry. Tests show that birds receiving Pan-a-Min regularly lay an average of 19 more eggs per year; baby chicks grow faster, mature earlier. Helps shorten moulting period. Costs but 10c per hen per year.



<b>Not postpaid</b>	
100-lb. drum	\$9.40 (600-bird size)
35-lb. pail	3.95 (200-bird size)
25-lb. pkg.	2.85 (150-bird size)
15-lb. pkg.	1.90 (90-bird size)
7-lb. pkg.	.95 (40-bird size)
3-lb. pkg.	.45 (20-bird size)
1 1/2-lb. pkg.	.25 (10-bird size)
<b>Postpaid</b>	
25-lb. pkg.	\$3.50
15-lb. pkg.	2.20
7-lb. pkg.	1.15
3-lb. pkg.	.60
1 1/2-lb. pkg.	.40

### DR. HESS POULTRY WORM TABLETS

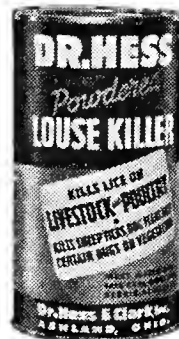
Available for those who prefer individual treatment. Same material as powder.

<b>Not postpaid</b>	
1000 tablets	\$6.50
500 tablets	3.50
250 tablets	2.00
100 tablets	1.00
40 tablets	.50
<b>Postpaid</b>	
1000 tablets	\$6.70
500 tablets	3.65
250 tablets	2.10
100 tablets	1.10
40 tablets	.60

## DR. HESS POWDERED LOUSE KILLER

Kills lice on stock, poultry. Kills winter ticks on sheep. If used in dust bath, poultry will delouse themselves. Efficient, convenient, economical. Put up in handy sifter top cans.

<b>Not Postpaid</b>	
6-lb. pkg.	\$1.25
2 1/2-lb. pkg.	.65
1-lb. pkg.	.30
<b>Postpaid</b>	
6-lb. pkg.	\$1.40
2 1/2-lb. pkg.	.80
1-lb. pkg.	.40



## DR. HESS LIQUID LOUSE KILLER



Spread on perches, its fumes kill lice while birds roost. Bottles have handy rubber spreader. Economical, concentrated. Kills plant lice.

16 ozs.	\$2.25 (1440-bird size)
8 ozs.	1.45 (720-bird size)
4 ozs.	.85 (360-bird size)
1 oz.	.35 (90-bird size)

Liquid Louse Killer not available.

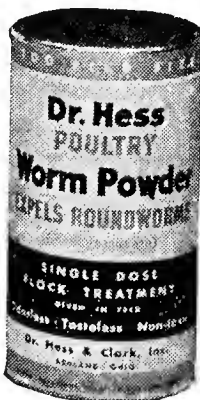
## DR. HESS CHICK TABLETS

Effective for diarrhoeal discharges of both baby chicks and grown birds; a bowel astringent given in drinking water. Once the tablets are in solution they remain so indefinitely. The water is thoroughly medicated and is all good until used.

<b>Not Postpaid</b>	
225 tablets	\$1.00
100 tablets	.50
45 tablets	.25
<b>Postpaid</b>	
225 tablets	\$1.10
100 tablets	.60
45 tablets	.30



## DR. HESS POULTRY WORM POWDER



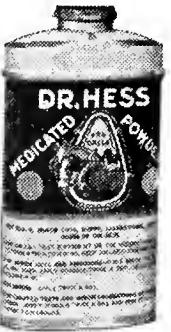
A single dose flock treatment given in feed. Active principle, nicotine combined with other materials which make it insoluble until it reaches intestines where it is released full strength. Odorless, tasteless, non-toxic. Does not interfere with egg production or feed consumption.

<b>Not Postpaid</b>	
2 1/2-lb. pkg.	\$5.40 (1000-bird size)
1 1/4-lb. pkg.	3.00 (500-bird size)
10-oz. pkg.	1.90 (250-bird size)
4-oz. pkg.	.90 (100-bird size)
2-oz. pkg.	.50 (50-bird size)
<b>Postpaid</b>	
2 1/2-lb. pkg.	\$5.55
1 1/4-lb. pkg.	3.15
10-oz. pkg.	2.00
4-oz. pkg.	1.00
2-oz. pkg.	.50

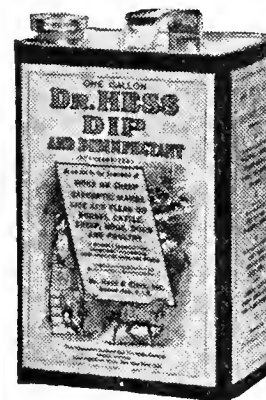
## DR. HESS MEDICATED POWDER

A soothing white powder, for treating cuts, scratches, galls and all surface wounds. Forms a thin protective coating and wound starts healing. Use in the home for scalds, burns, galls and chafed skin.

<b>Not Postpaid</b>	
10-oz. pkg.	\$0.50
4-oz. pkg.	.25
<b>Postpaid</b>	
10-oz. pkg.	\$0.60
4-oz. pkg.	.30



## DR. HESS DIP AND DISINFECTANT



Standardized quality disinfectant for use in stables, barns, poultry houses, and for killing ticks, lice, mites, and other parasites on livestock. Has a carbolic acid co-efficient. Makes milky white emulsion. Costs less to use than cheaper inferior products.

5-gal. can	\$6.25
1-gal. can	1.35
1/2-gal. can	.75
1/4-gal. can	.50
12-oz. bottle	.35

Dip and Disinfectant not available.

## DR. HESS FLY SPRAY

For use on livestock and in stables. Over 90% efficient as a fly killer. Most efficient fly repellent. One application protects cows from fly torment all day long. Has pleasant piney odor. Will not gum or discolor the hair. Will not taint milk.

50-gal. can	\$37.50
30-gal. can	24.00
5-gal. can	5.00
1-gal. can	1.40
1/2-gal. can	.80

Fly Spray not available.



## DR. HESS POULTRY TABLETS



Valuable in treatment of roup; slightly astringent, non-irritating and healing. Used as a local antiseptic and to medicate drinking water. Aids in preventing spread of disease. Once dissolved the solution needs no further stirring.

Prices: 25c, 50c, and \$1.00 packages. Postpaid, 30c, 55c, and \$1.10.

### DR. HESS UDDER OINTMENT

A penetrating, soothing emollient for bruised, caked or swollen udders, cracked or chapped teats and other bruises or superficial injuries.

1-lb. can	\$1.00
7-oz. can	.50

Postpaid: 7 oz., 60c; 1 lb., \$1.10.

**DR. HESS SAPONIFIED CRESOL SOLUTION.** For general disinfectant of yards, barns and other premises in eradication of tuberculosis. Approved by Bureau of Animal Industry. 1-gal. can, \$1.75. Not available.

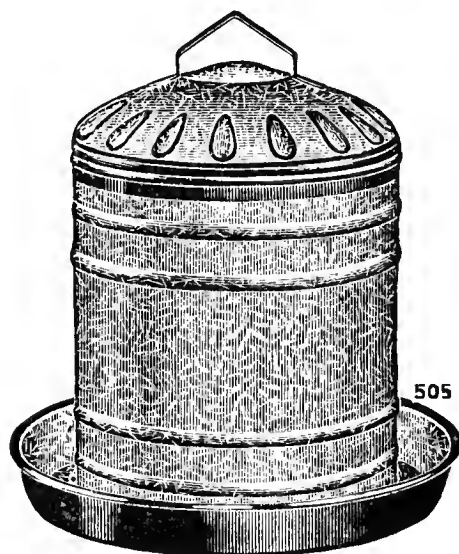


# OAKES "Sanitized" POULTRY FOUNTAINS

No. 501½

**79c**

## NEW THRIFTY DOUBLE WALL FOUNTAIN



505

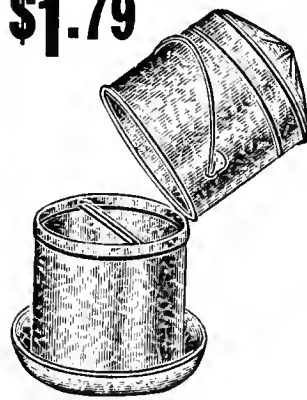
This new double wall fountain is top filled. It operates on the vacuum system. Easy to clean or fill. Die-drawn sloping top, prevents roosting. The drinking pan is seamless die drawn with smooth rolled edges. It is made of very heavy 26-gauge galvanized steel, sturdy and substantial. Can be used for hens or chicks.

No. 501½. 1½-gal. size, each.....\$ .79

No. 503. 3-gal. size, each..... 1.49

By Mail, 25c extra.

## No. 31 E. Z. FILL FOUNTAIN **\$1.79**



Double wall type. ROOST-PROOF die stamped cone top. Brass spring valve is released when outer can slips into place. Handle in inner tank for carrying. Outer can has bail; may be used as a pail. All-purpose fount for chicks, pullets, hens.

No. 31. 3-gal. size, 13¼-in. pan.

Each .....\$1.79

Postpaid ..... 2.10

No. 235. 5-gal size,

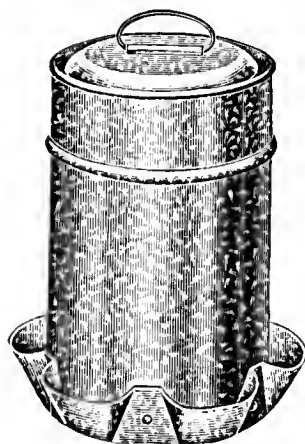
Each .....\$2.39

Postpaid ..... 2.75

No. 100B

**49c**

## SNAP-ON CHICK FOUNTAIN



Inexpensive single-wall fount inverts to fill. Can body snaps in place and held by friction. Bail for carrying. Has 6 drinking cups; 12 chicks can drink at once. Easy to fill and keep clean. Heavy galvanized steel.

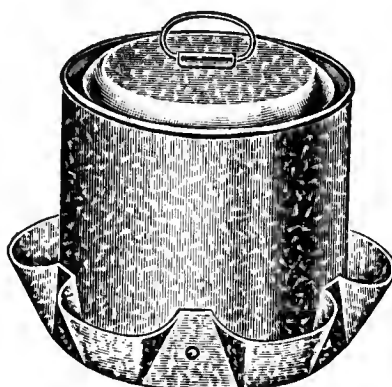
No. 100B. 1-gal. size, each, 49c. Postpaid, 65c.

No. 100C. 2-gal. size, each, 69c. Postpaid, 90c.

**FREE**

Postpaid

## Snap-On Chick Fountain 1 Gallon Size

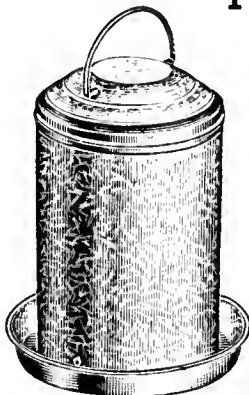


With the Purchase of 100 or more  
"AA" BABY CHICKS

At Catalogue Prices. See Page 67.

Offer Expires March 1, 1940

## No. 81 ROUND PAN SNAP- ON CHICK FOUNTAIN **59c**



This is a real improvement in Chick Fountains. It has three lugs spot welded to the pan, forms a friction contact which holds the tank and pan together. It is easy to fill and has a convenient wire bail for carrying.

No. 81. 1-gal. size, each 59c. Postpaid, 75c.

No. 82. 2-gal. size, each, 77c. Postpaid, \$1.00.

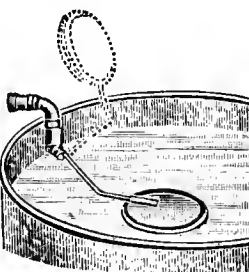
## BROODER AND FOUNTAIN **\$1.69** HEATER



An excellent heater that burns kerosene, for a small brooder. Place in a box and the chicks will keep warm and comfortable. It can also be used with any style poultry fountain and prevents water freezing.

No. 44. Heater, complete, \$1.69. Postpaid, \$1.95.

## **79c** FLOAT VALVE



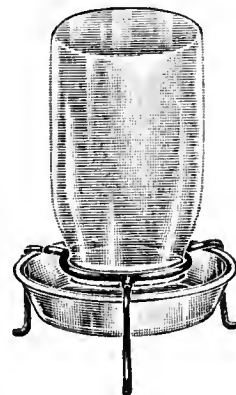
Attaches to ¼ in. pipe, barrel or tank; insures a continuous supply of water. All working parts brass. Powerful float. Used with wire guards and pan. Makes a very low cost poultry or pigeon fountain.

No. 611. Float valve, only, each 79c. Postpaid, 95c.

No. 1365G

**13c**

## GLASS PAN FOUNTAIN



The drinking dish or saucer is made of heavy molded glass and the mason jar is held in position with a metal clip, which snaps on the dish and is easily removed for filling or cleaning. A clean, safe fountain for buttermilk, sour milk, remedies, etc. Diameter of dish, 6 in.

No. 1365G, with legs, each, 13c; 2 for 25c. Postpaid, each, 25c; 2 for 40c.

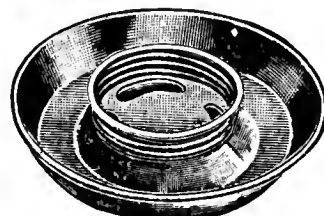
No. 365G. Glass Fountain without extension legs. Each, 9c. Postpaid, each, 20c; 3 for 45c.

No. 167G. Same as above, excepting it is made of heavy galvanized metal instead of glass. Price, with leg extension, each, 9c. Postpaid, each, 20c; 3 for 45c. Glass mason jars not furnished.

No. 69G

**8c**

## MASON JAR FOUNTAIN

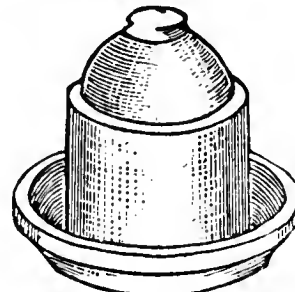


Constructed so that plenty of water is always in the pan. Pan will not overflow. Fits standard mason jar. We do not furnish the jars.

No. 69G. Fountain Holder. Galvan-

ized screw type. Each, 8c; 4 for 30c. Postpaid, each 15c; 4 for 40c.

## STONEWARE FOUNTAINS



Made in two parts, the saucer being separated from the upper portion so it can be easily cleaned. These stoneware fountains are the best to have when using any medicine. Two styles, No. 1 for water; No. 2 for buttermilk. Cannot mail.

PRICES NO. 1 AND NO. 2 COMPLETE

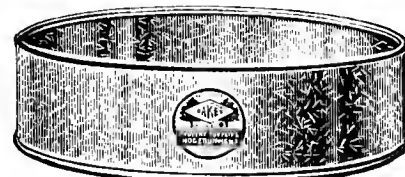
2 Quart Saucer and Bowl..... 49c

4 Quart Saucer and Bowl..... 59c

## EXTRA SAUCERS

For 2 Quart Fountains Each ..... 14c

For 4 Quart Fountains Each ..... 24c



## OPEN DRINKING PAN

A convenient waterer. Poultry prefer them to the closed styles. They are easily cleaned and give an ample supply of drinking water.

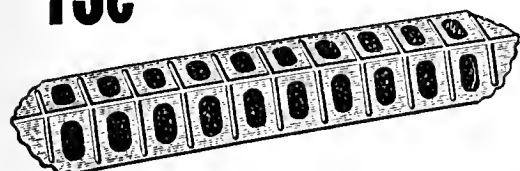
No. 6140 14 inch Pan..... 59c

No. 6170 17 inch Pan..... 69c

POSTPAID, 20c EXTRA

# OAKES "Sanitized" POULTRY FEEDERS

## No. 71G CHICK FEED TROUGH

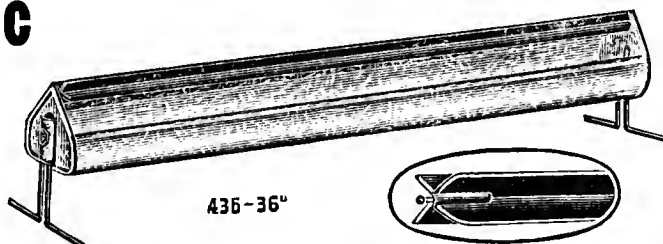


Heavy 1-piece seamless galvanized steel trough with slide cover. Gable-shaped cover prevents the chicks from getting into trough and wasting feed.

No. 71G. 10-in. long, each 13c. Postpaid, 23c.

No. 72G. 20-in. long. Each, 19c. Postpaid, 35c.

## No. 424 STREAMLINE CHICK FEEDER



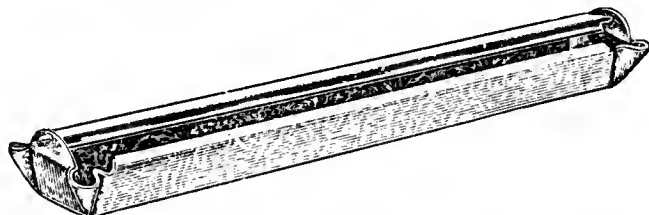
For chicks day old to 8 weeks. Extra heavy galvanized steel trough; welded ends; 4-blade metal reel revolves, adjustable 3 positions. Trough 4 inches wide; 2 inches deep. Turned flange along trough edge. Adjustable legs.

No. 424. Chick Feeder, 24 in., each 49c. Postpaid, 65c.

No. 436. Chick Feeder, 36 in., each 59c. Postpaid, 80c.

No. 448. Chick Feeder, 48 in., each 73c. Postpaid, 95c.

## No. 104 WINNER CHICK TROUGH



Metal Z-shaped revolving reel. Trough one-piece, die-stamped, 1 5/8 in. deep; 2 5/8 in. bottom width; 4 in. top width. Turned flange along edge prevents feed waste.

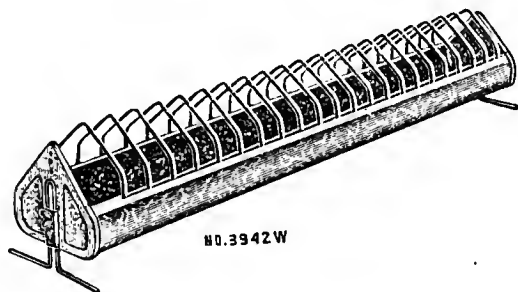
No. 104. Feeder, 10 in. long, each 9c. Postpaid, 20c.

No. 105A. Feeder, 18 in. long, each 17c. Postpaid, 30c.

No. 106A. Feeder, 24 in. long, each 22c. Postpaid, 35c.

## O. K. BROILER FEEDER

No. 3942W  
**\$1.13**



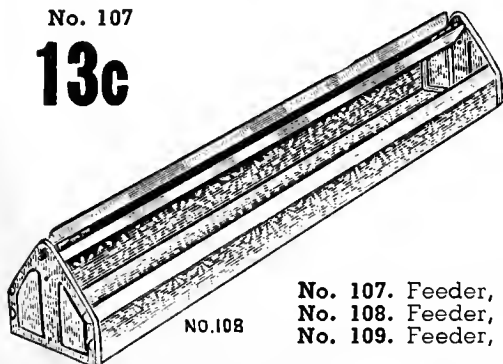
Roost Proof Grill, Adjustable Legs

STREAMLINE trough of 26-ga. galvanized steel, 3 in. deep, 6 3/4 in. wide; welded ends, turned flange prevents waste. ADJUSTABLE LEGS to raise trough out of litter as chicks grow. Hinged wire grill, spacing 1 5/8 in. For chicks 3 weeks and older. Fine for starting turkey poults. Capacity 12 quarts.

No. 3942W. Broiler Trough, 42 in. long, each \$1.13. Postpaid, \$1.45.

## UTILITY CHICK TROUGH

No. 107  
**13c**



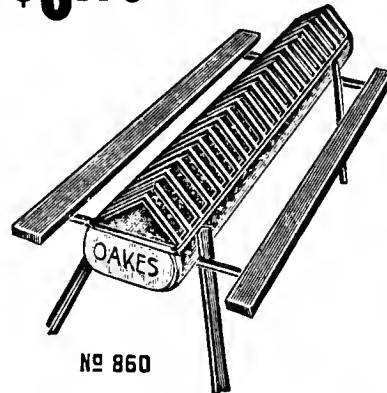
For chicks, day-old to 5 or 6 weeks. Adjustable metal "Z" reel. Trough 1 3/4 in. deep; 3 1/2 in. wide; flange along edge prevents waste. Square bottom. A real value. Heavy gauge galvanized.

No. 107. Feeder, 12 in., each 13c. Postpaid, 25c.

No. 108. Feeder, 24 in., each 22c. Postpaid, 35c.

No. 109. Feeder, 36 in., each 29c. Postpaid, 45c.

## No. 860 STREAMLINE HEN FEEDER



Newly designed trough with rounded bottom edge. No corners for feed to lodge and become stale. Eliminates enough feed waste to pay for itself in a few months. Almost as low cost as a homemade wooden feeder trough and much more sanitary. Trough 4 1/2 in. deep, 9 3/4 in. wide, with feed opening 7 in. Heavy gauge galvanized steel. Hinged wire grill, spacing 2 7/8 in. Wood perch 16 in. high. Sturdy legs of angle steel support body. Turned flange prevents feed waste. We recommend 2-5 ft. or 1-8 ft., for 100 hens.

No. 860. Flock Feeder, 5 ft. long, wt. 26 lbs., each \$3.19.

Not Mailable.

## No. 860T STREAMLINE FEEDER FOR GROWING CHICKS, PULLETS OR HENS

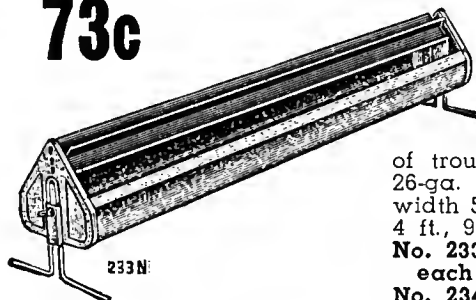


Same dimensions as above. Angle steel legs 9 in. long bolt to side, raise trough out of litter. Edge of trough adjustable from 7 1/2 to 9 1/2 inches from floor. Hinged wire grill lifts for easy filling or cleaning of trough.

Hens EAT MORE FEED from this low trough and therefore lay more eggs. This trough is cheaper than any homemade feeder. Makes an ideal starting trough for turkey poults. A good range feeder. A Super Value. High quality, heavy gauge galvanized steel trough.

No. 860T. Floor Feeder, 5 ft., capacity 4 1/2 pks., each \$2.39. Not mailable.

## No. 233N GRO-FAST FEEDER



New STREAMLINE design. Round edge prevents feed clogging. ALL-PURPOSE trough. For day-old chicks or pullets. Large revolving 4-blade reel adjustable to 3 positions. Legs adjust height of trough as chicks grow. Trough of 26-ga. galvanized steel; depth 2 5/8 in., width 5 in. Feed capacity: 3 ft., 7 qts., 4 ft., 9 qts. mash.

No. 233N. Gro-Fast Feeder, 3 ft. long, each 73c. Postpaid, \$1.00.

No. 234N. Gro-Fast Feeder, 4 ft. long, each 89c. Postpaid, \$1.20.



14" Complete

**99c**

## PANS AND GUARDS FOR FEED OR WATER

Two sizes for growing fowls or hens. Ideal for pigeons. Pans have soldered bottoms; water tight. 4 in. deep. Wire guards welded to cone top. Prevents birds crowding when feeding or drinking.

### PANS ONLY

No. 6140. 14-in. Pan only, each 59c. Postpaid, 75c.

No. 6170. 17-in. Pan only, each 69c. Postpaid, 90c.

### WIRE GUARDS ONLY

No. 614. 14-in. Guard, each 44c. Postpaid, 65c.

No. 617. 17-in. Guard, each 49c. Postpaid, 75c.

No. 6

**13c**

## ROUND CHICK FEEDERS

These can be used for drinking, food, and all kinds of chick feed or mash.

No. 6. 6-in. diameter Feeder. Each 13c; 2 for 25c. Postpaid, each 20c; 2 for 35c.

No. 9. 9-in. diameter Feeder. Each 18c; 2 for 35c. Postpaid, Each 25c; 2 for 45c.



## MISCELLANEOUS POULTRY SUPPLIES

### LEG BANDS CELLULOID LEG BANDS

These slip on like a keyring—white, black, green, blue and red. Made in all sizes. When ordering, state what breed, size and color you want them.

	Doz.	50	100
Turkey size .....	\$ .15	\$ .45	\$ .75
Hen size .....	.10	.30	.50
Pullet size .....	.10	.25	.45
Chick size .....	.10	.25	.40

By mail, 10c per 100 extra.

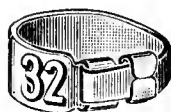
### BANDETTE LEG BANDS



These are wide with large showy numbers that are easy to read. Made of celluloid, convenient to attach. They come in 3 sizes for Leghorns, Rhode Island Reds, Barred Rocks and Wyandottes. Packed 25 to

the box. Price, 25 for 60c; 50 for \$1.00; 100 for \$1.75, postpaid.

### ALUMINUM LEG BANDS



These are adjustable to fit any size fowl, light in weight; made of aluminum, plain figures. Put up in packages as follows: 1 to 12, 1 to 25, 1 to 50, 1 to 100, 101 to 200, 201 to 300.

Price, doz., 15c; 25, 20c; 100, 55c, postpaid.

### BANDETTE PIGEON BANDS

Easy to read, having large plain figures in following colors: Blue, red, yellow. They come in pairs only, numbered 1 to 12, 13 to 25, 26 to 37, 38 to 50. Price, 6 pairs, 45c, postpaid.

### POULTRY PUNCHES

These are made for marking baby chicks by punching a hole in the web between the toes. Pocket-size Punch, 20c, postpaid.

### THERMOMETERS

#### Brooder Thermometers

Accurate, easy to read. Porcelain enameled. Bulb guarded.

No. 266. Round wood, 8 in. long, each 50c.

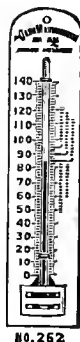
No. 1265. Metal back, 4½ in. long, each 35c.

No. 262. Metal back, 6¼ in. long, each 45c.

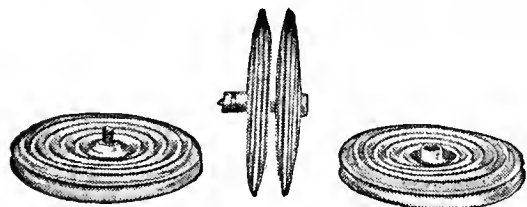
#### Incubator Thermometers

No. 5776. Tycos on stand, 75c.

Any Above Mailed, 10c Each Extra



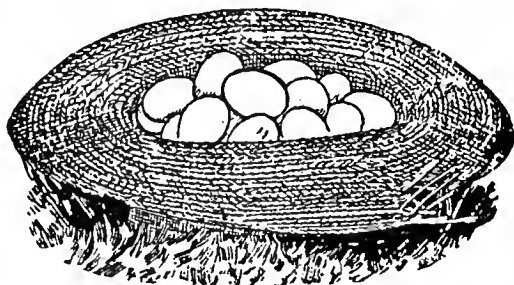
### THERMOSTAT WAFERS



Double disc, brass, 3-in. diameter. Accurate, dependable and fast. Universal connection fits most coal or oil brooders or incubators.

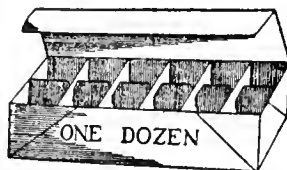
No. 416W. 3-in. diameter wafers, each 30c. Postpaid, 40c.

### NEST EGGS



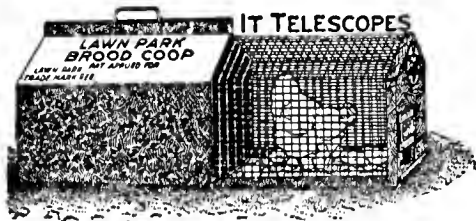
China, dozen at store, 30c. Postpaid, 40c.  
Lice Expelling, doz. at store, 75c. Postpaid, 85c.

### CARDBOARD EGG CARTONS

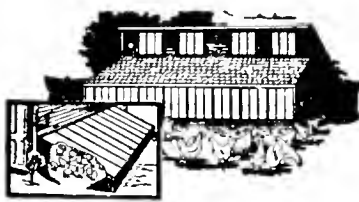


These are intended for delivering eggs to consumers. Hold 1 dozen each; have 2 rows, 6 eggs each. Doz., 25c; 100, \$1.50; 250, \$3.50. Postpaid, doz., 35c; 100, \$1.75.

### LAWN PARK BROOD COOP



The wire park pulls out like bureau drawer and is made from heavy galvanized wire netting. Size of coop, 18 inches wide, 19½ inches high, 48 inches long. Protects the chicks from hawks, rats, weasels, vermin, cold and storms. It is so ventilated that when park is pushed in the air circulates freely without admitting rain or snow. The coop has removable galvanized bottom. Each, \$3.50; set up, ready to use, F.O.B. Memphis. Lots of 3, K.D., F.O.B. factory, each, \$3.00.

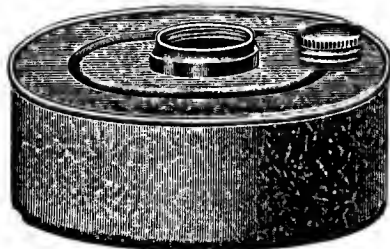


### GLASS CLOTH

Glass Cloth is excellent for Brooder Houses, Hotbeds, Cold Frames, Windows, etc., and is a substitute for glass, except for roofing. Glass Cloth comes 3 feet wide.

Piece 5 yds. long, \$ 1.20. Postpaid, \$ 1.40.  
Piece 10 yds. long, 2.30. Postpaid, 2.60.  
Piece 15 yds. long, 3.30. Postpaid, 3.65.  
Piece 50 yds. long, 10.00. Postpaid, 10.50.

### BROODER LAMP BOWLS



No. 216. Quart size, uses No. 1 burner. Each 50c.

No. 205. Quart size, uses No. 2 burner. Each 60c.

No. 220. 2-quart size, uses No. 3 burner. Each 75c.

By mail, add 15c each extra.

### LAMP BURNERS



No. 1. Fits 216 bowls. Each 45c.

No. 2. Fits 205 bowls. Each 55c.

No. 3. Fits 220 bowls. Each 75c.

No. 3½. Double burner, fits No. 220 bowl. Each \$1.00.

By mail, add 10c each extra.

### CHIMNEYLESS BURNERS

These require no chimneys.

No. 1S. Uses No. 1 wick. Each 55c.

No. 2S. Uses No. 2 wick. Each 60c.

No. 3S. Uses No. 3 wick. Each 90c.

By mail, 10c each extra.

### COTTON LAMP WICKS

Postpaid Prices

5/8 in. Fits No. 1 burners. 2 for 5c.

7/8 in. Fits No. 2 burners. 3 for 10c.

1½ in. Fits No. 3 burners. Each 5c.

Asbestos Wicks for Blue Flame Oil Brooders, 2 sizes, each 15c. Postpaid, 20c.

### LAMP CHIMNEYS

No. 1. Fits No. 1 burner. Each 20c.

No. 2. Fits No. 2 burner. Each 25c.

No. 3. Fits No. 3 burner. Each 35c.

By mail add 10c each extra.

### MISCELLANEOUS FEEDS

PIGEON FEED. No. 1 mixture contains whole corn. No. 2 mixture does not contain corn. 5 lbs., 25c. Postpaid, 5 lbs., 45c.

PIGEON GRIT (Red Cross). Keeps pigeons in good health. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 100 lbs., \$2.75. Postpaid, 5 lbs., 45c; 10 lbs., 65c.

RABBIT MASH. A balanced ration for rabbits to keep them healthy and fat. 5 lbs., 25c. Postpaid, 5 lbs., 45c.

CALF MEAL (Schumacker). A perfect milk substitute, prevents scours and keeps calves in condition. 25 lbs., \$1.25; 100 lbs., \$3.75, at store only.

CHARCOAL FOR CHICKS OR HENS. 2 lbs., 15c; 4 lbs., 25c; 10 lbs., 50c; 25 lbs., 75c; 50 lbs., \$1.25. Postpaid, 2 lbs., 25c; 4 lbs., 40c; 10 lbs., 75c.

DIGESTER TANKAGE. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00. Postpaid, 5 lbs., 50c; 10 lbs., 75c.

DRIED BUTTERMILK. 5 lbs., 75c; 10 lbs., \$1.25. Postpaid, 5 lbs., 95c; 10 lbs., \$1.50.

MEAT SCRAPS. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00. Postpaid, 5 lbs., 50c; 10 lbs., 75c.

OYSTER SHELL. Chick and hen size. 10 lbs., 25c; 25 lbs., 50c; 100 lbs., 80c. Postpaid, 10 lbs., 50c.

POULTRY GRIT. Chick or hen size. 10 lbs., 25c; 25 lbs., 50c; 100 lbs., 90c. Postpaid, 10 lbs., 50c.

ROLLED OAT MEAL. Fine for feeding baby chicks, rabbits, etc. 5 lbs., 30c; 10 lbs., 50c. Postpaid, 5 lbs., 50c; 10 lbs., 75c.

SUNFLOWER SEED. For poultry. 5 lbs., 50c; 10 lbs., 75c. Postpaid, 5 lbs., 70c; 10 lbs., \$1.00.

BONE MEAL. Granulated. Can be used either for chicks or hens. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$5.00. Postpaid, 5 lbs., 60c; 10 lbs., 90c; 25 lbs., \$1.60.

BONE MEAL, STEAMED (Powdered). For Animal feeding. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.15; 100 lbs., \$4.25. Postpaid, 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50.

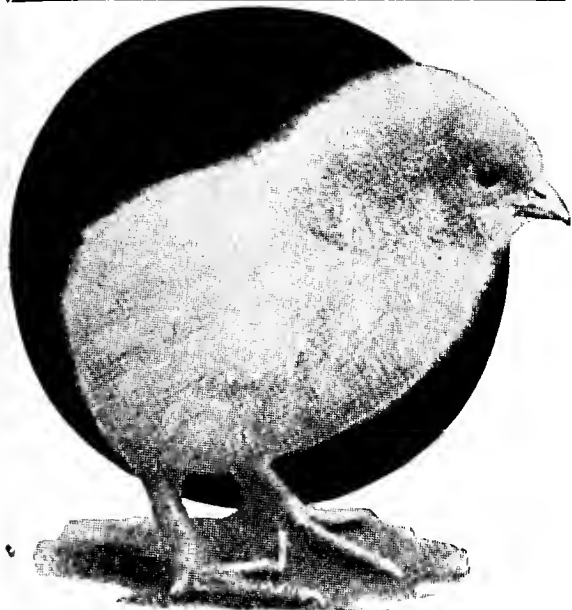
QUANTITY PRICES QUOTED ON  
GREEN INK PRICE LIST

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

# R.-H. CO.'s TOP NOTCH DAY OLD BABY CHICKS

**FREE CHICK FOUNTAIN**

SEE PAGE 64



## TOP NOTCH "A" QUALITY CHICKS

Our Top-Notch "A" Quality Chicks are from selected pure-bred birds produced from free-range flocks, thereby insuring strong, vigorous chicks. Recommended for broilers and general utility.

Prices prepaid, for delivery January, February, March and April:

	25	50	100
Brown and White Leghorns.....	\$2.35	\$4.25	\$7.50
Barred Rocks and White Plymouth Rocks.....	2.35	4.25	7.50
Rhode Island Reds and White Wyandottes.....	2.35	4.25	7.50
Buff Orpingtons and Silver-Laced Wyandottes.....	2.50	4.50	8.00
Jersey White Giants.....	2.65	4.75	8.50
Heavy Assorted .....	2.25	4.00	7.00

## TOP NOTCH "AA" QUALITY CHICKS

Our Top Notch "AA" Quality Chicks are from highly productive flocks. All are officially blood tested and chicks from these flocks will give finer results.

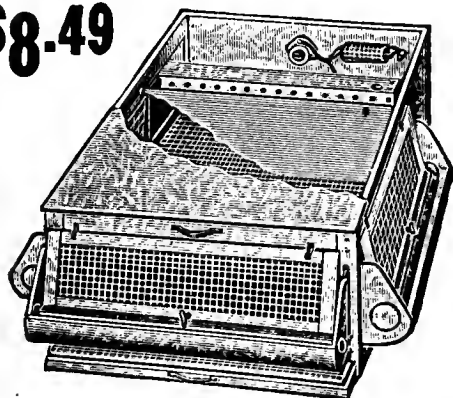
	25	50	100
Brown and White Leghorns.....	\$2.65	\$4.75	\$ 8.50
Barred Rocks and White Rocks.....	2.70	4.90	8.75
Rhode Island Reds and White Wyandottes.....	2.70	4.90	8.75
Black Minorcas and White Minorcas.....	2.75	5.00	9.00
Jersey White Giants.....	3.30	6.15	11.25
Silver-Laced Wyandottes and Buff Orpingtons.....	2.80	5.15	9.25

100% LIVE DELIVERY GUARANTEED. You will absolutely get full count of LIVE CHICKS. All orders acknowledged promptly. Remit by Post Office or Express money order. Terms on chicks are cash to all. Prices subject to change. SHIPPING CHARGES PREPAID on baby chicks anywhere in the United States.

## OAKES "Sanitized" OIL AND ELECTRIC BURNING BROODERS

### "GRO-EZY" ELECTRIC BROODER

**\$8.49**



A sweeping success, a new Gro-Ezy Brooder with woven wire doors which admit more light, equipped with automatic thermostat heat control, long electric heating element, heavy curtains, heavy wire floors. Wide and deep troughs which do not waste feed and are adjustable; removable dropping pans, sanitary and easily cleaned.

The operating cost of Gro-Ezy Electric Brooders is low, uses only about one kilowatt in 24 hours. Capacity, 100 day-old chicks.

No. 801. Complete with woven wire door (as illustrated), heating element, feed and water trough, **\$8.49.**

### FUL-O-PEP FEEDS

Ful-O-Pep feeds are constantly tested under practical farm conditions, seeking ways to further improve them so as to reduce your feeding costs and in turn increase your profits from the flock. Ful-O-Pep pioneered Cod Liver Oil, Cod Liver Meal, Molasses, Oat Feeding, and now the use of Concentrated Spring Range. Ful-O-Pep mashes contain this new ingredient.

- Ful-O-Pep Chick Starter. Price 10 lbs., 45c. Postpaid, 75c.
  - Ful-O-Pep Fine Chick Feed. Price 10 lbs., 40c. Postpaid, 70c.
  - Ful-O-Pep Growing Mash. Price 10 lbs., 45c. Postpaid, 75c.
  - Ful-O-Pep Coarse Chick Feed. Price 10 lbs., 40c. Postpaid, 70c.
  - Ful-O-Pep Egg Mash. Price 10 lbs., 45c. Postpaid, 75c.
  - Ful-O-Pep Scratch Grain. Price 10 lbs., 40c. Postpaid, 70c.
  - Ful-O-Pep Turkey Starter. Price 10 lbs., 50c. Postpaid, 80c.
  - Ful-O-Pep Turkey Grower. Price 10 lbs., 50c. Postpaid, 80c.
- Quantity Prices given on Green Ink Price List.

### HOME BROILER PLANT

**\$23.95**

Can be operated in basement or garage. Produces forty to forty-five finished broilers every month. Ideal for the beginner.

Top section rests on growing battery frame. Is the regular No. 801 Gro-Ezy electric unit. Capacity of this starting unit is 35 chicks for 5 weeks—then they must be transferred to growing units. Starter is 22½ x 35 x 9½ inches inside dimensions.

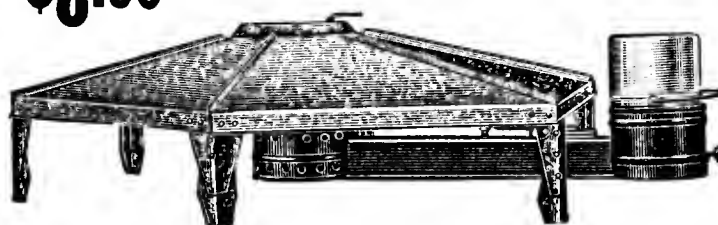
Hatcheries and Feed Stores can use this unit to demonstrate rapidity of chick growth in the sales room. Sells more chicks for the hatchery—Sells more starting, growing feed for the feed dealer. A practical unit to display results. Used by leading feed manufacturers. Specifications with catalogue mailed on request.

No. 310. Home Broiler plant as illustrated, **\$23.95.** Complete.



No. 832  
**\$8.39**

### BLUE FLAME OIL BURNING BROODER



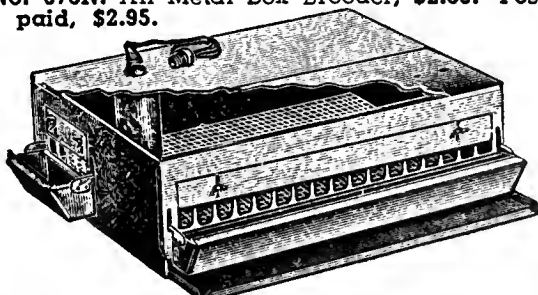
A complete trouble-free chick brooder, burns kerosene, has a giant 5-inch rigid burner with automatic heat control, operated by a brass thermostatic wafer, with a new and improved heat equalizer that keeps chicks comfortable in any kind of weather at any location under the canopy. Made in three sizes. No. 832 has no heat equalizer.

- No. 832. 32-inch canopy, 200-chick capacity.....\$ 8.39
- No. 842. 42-inch canopy, 300-chick capacity..... 9.95
- No. 852. 52-inch canopy, 500-chick capacity..... 10.39

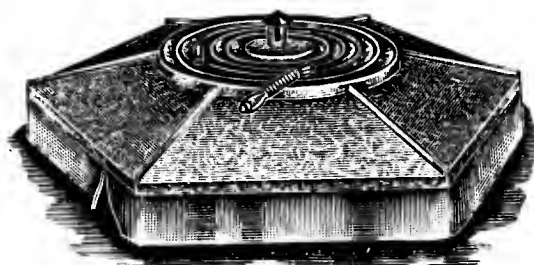
### HAPPY CHICK METAL BOX BROODER

**\$2.59**

Galvanized steel box 18 x 22 x 6 inches inside. Very sanitary. For 50 day-old chicks. Adjustable feed openings. Hardware cloth floor, ½-inch mesh, wire cross braces. Drop pan pulls out in front. Feeder trough across front. Water trough at left, rear. Both removable. Lid in two sections. Drop cord 2 feet. Metal guard for electric bulb. Uses 40 or 60 watt bulb (not furnished). Order 3 units for each 100 chicks to allow for growth. Priced almost as low as some paper box brooders. No. 375N. All Metal Box Brooder, **\$2.59.** Postpaid, **\$2.95.**



### ADVANCE ELECTRIC BROODER



No. 520  
**\$7.49**

A dependable brooder with all labor-saving advantages of electricity. Carries Underwriters Label. Enclosed heating element. Insulated heat radiating deck.

Complete with cloth curtains, legs, heating element, automatic regulator, pilot light, thermometer and 8 ft. drop cord. Canopy wings as illustrated on No. 521 and 522. No. 520 round section only.

	Size	Capacity	Wt.	Each
No. 520.	28 in.	85-100	25	\$ 7.49
No. 521.	48 in.	130-150	33	9.49
No. 522.	56 in.	300-350	39	10.49

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



Jan. 2, 1940

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### PRICES

The prices we quote on vegetable and flower seeds will hold good as long as stocks last. The prices on all farm seeds, grain, etc., are those ruling January 2, 1940, and are subject to market changes. As far as possible we will fill all orders for such seeds in full, but if market values will not permit this we will send all that money remitted will pay for.

### NON-WARRANTY

Russell-Heckle Seed Company gives no warranty, express or implied, as to description, quality, productiveness of any seeds, plants, bulbs or nursery stock they send out, and they will not be in any way responsible for the crop. You can take your seed home, examine them, test them, call in your County Agent, and if our seeds are not as represented, return them at once, and we will refund your money.

**FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED**

No. 125

February 1st

1940

# RUSSELL-HECKLE SEED CO.'S

Our terms are cash with order.

Remit by Postoffice

Express Money Order or Registered Mail.

Wholesale Warehouses  
Tinden Station  
And 589 S. Front St.

Parcel Post: If you order from this list to come by Parcel Post, be sure to include money for postage. All prices on this Green Ink List are f. o. b. Memphis, and are also subject to important market changes. Those prices cancel all previous quotations.

NON-WARRANTY—Russell-Heckle Seed Co. gives no warranty express or implied as to description, quality or productiveness of any seeds, bulbs or plants they send out and we will not be in any way responsible for the crop. If you are not satisfied with the seeds on arrival, return them and we will refund purchase price.

## LESPEDeza SEED

	5 lbs.	10 lbs.	Bu. 100 lbs.
Common Lespedeza, bu. 25 lbs.	\$.90	\$1.70	\$3.85
Kobe Lespedeza, bu. 25 lbs.	\$.65	\$1.25	\$2.70
Korean Lespedeza, bu. 25 lbs.	.50	.90	1.95
Tenn. 76 Lespedeza, bu. 25 lbs.	.35	1.75	9.60
Sevier Lespedeza, Scariff, bu. 60 lbs.	.35	1.75	15.00

## CLOVER SEED

	5 lbs.	10 lbs.	Bu. 100 lbs.
Okla. Alfalfa, Top Notch, bu. 60 lbs.	1.20	2.20	12.30
Okla.-Kans. Alfalfa, T.N., bu. 60 lbs.	1.30	2.40	13.35
Kans. Alfalfa, Top Notch, bu. 60 lbs.	1.40	2.60	14.55
Dakota 12 Alfalfa, bu. 60 lbs.	1.85	3.50	19.00
Alsike Clover, bu. 60 lbs.	1.35	2.50	14.00
Black Medie, bu. 60 lbs.	1.15	2.10	11.55
Hop Clover, bu. 60 lbs.	2.50	4.50	22.80
Mediclus, Wh. Sw. Scariff, bu. 60 lbs.	.60	1.00	4.80
Persian Clover, bu. 60 lbs.	3.25	6.25	33.00
Red Clover, Top Notch, bu. 60 lb.	1.30	2.35	12.75
Red Clover, Choice, bu. 60 lbs.	1.20	2.20	12.30
White Dutch Clover, bu. 60 lbs.	3.50	6.70	36.00

## SEED OATS

	bu.	per bu.	per bu.
Ferguson No. 922	\$.90	\$.86	\$.76
Pulgrain Strain No. 2	1.00	.96	.86

## GRASS SEED

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Bermuda Grass	\$.35	\$2.60	\$6.00	\$23.00
Bermuda Hybrid	.60	4.90	11.50	43.75
Carpet Grass	.30	2.10	4.75	17.75
Dallis Grass	.35	2.20	4.75	18.00
Evergreen Lawn Grass	.35	2.25	5.15	19.25
Kentucky Blue Grass	.35	2.40	5.50	20.75
Rye Grass, Italian (Wintergreen)	.10	.90	2.00	7.50
Orchard Grass	.35	2.30	5.15	19.00
Red Top Grass	.20	1.60	3.40	12.25
Shady Spot Lawn Grass	.35	2.25	5.15	19.25
Sunny South Lawn Grass	.40	2.55	5.90	22.25
Sudan Grass	.10	.60	1.10	3.40
Timothy	.15	1.00	2.00	7.00
Pasture Grass Mixture 1 or 2	.30	2.05	4.65	17.25
Permanent Hog Pasture Mixture	.20	1.40	2.75	9.75
Chicken Pasture Mixture	.15	1.20	2.50	8.00

## MILLET SEED

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Japanese Barnyard Millet	\$.15	\$1.00	\$2.25	\$8.00
Pearl or Cattail	.15	1.00	2.25	8.00
Tenn. German	.10	.65	1.25	3.50

## SAGRAIN AND SORGHUM SEED

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Sagrain, Native	.....	.....	.....	.....
Sagrain 303-37	\$.10	\$.70	\$1.25	\$3.50
Early Amber Fodder Cane	.....	.....	.....	.....
Early Orange Mixed Fodder Cane	.10	.65	1.15	3.15
Red Top or Sunac Mix. Fodder Cane	.....	.....	.....	.....

## SORGHUM SEED SYRUP VARIETIES

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Japanese Honey	.....	.....	.....	.....
Sugar Drip	\$.10	\$.75	\$1.35	\$4.00
While It is impossible to guarantee a syrup crop our seed came from growers who produced splendid syrup last year.	.....	.....	.....	.....

## GREEN INK QUANTITY PRICE LIST

MEMPHIS, TENN.

## COTTON SEED—F.O.B. Memphis

	100 lbs.	500 lbs.	700 lbs.	1000 lbs.
D & P L (Delta Pine) 11-A	\$.55	\$27.50	\$105.00	
For Mississippi Customers, if desired, can ship F.O.B. Scott, Miss.	5.25	26.25	100.00	
Originators Foundation Planting Seed, Ceresan Treated. Only one kind this year, the kind you should plant for profit.				

## SOUTHERN HYBRID SEED CORNS

These are described in our 1940 catalogue.

	1/2 pk.	pk.	bu.	bag	bu.
No. 312 Yellow Hybrid	\$.25	\$2.25	\$4.00	\$7.00	7.00
No. 325 Yellow Hybrid	1.25	2.25	4.00		

## SEED CORN—Top Notch

	1/2 pk.	pk.	bu.	bag	bu.
Early Yellow Dent (Iowa)	\$.40	\$.60	\$1.55	\$1.40	
Gold Mine	.40	.60	1.55	1.40	
Golden Surprise (Leaning Yellow)	.40	.60	1.65	1.50	
Hastings Prolific	.40	.65	1.90	1.75	
Hickory King	.45	.70	2.05	1.90	
Jarvis Golden Prolific	.40	.60	1.80	1.65	
Certified Jarvis Golden Prolific	.50	.75	2.15	2.00	
Large Golden Dent (Yellow St. Chas.)	.40	.60	1.55	1.40	
Mexican June	.45	.70	2.05	1.90	
Mosby Prolific	.40	.65	1.90	1.75	
Paymaster	.45	.65	1.90	1.75	
Certified Paymaster	.50	.75	2.15	2.00	
Silver Mine (Iowa)	.40	.60	1.60	1.45	
St. Chas. White Red Cob	.40	.60	1.65	1.50	
Tenn. White Red Cob	.40	.60	1.65	1.50	
Early White Dent (Iowa)	.40	.60	1.60	1.45	
Bloody Butcher	.45	.70	2.00	1.85	
Snowflake, Early (Northern Growth)	.50	.80	3.10	2.80	
Early Surprise (Northern Growth)	.45	.85	2.80	2.50	
Early Surprise (Southern Growth)	.40	.75	2.50	2.25	
Talis Ea. White Dent (North. Growth)	.45	.85	2.80	2.50	
Truckers Favorite (Northern Growth)	.50	.90	3.10	2.80	

## POP CORN

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Sou. Amer. Yellow Dynamite Seed	\$.15	\$.90	\$1.75	\$5.50
Baby Rice Japanese Hullless Seed	.15	1.00	1.90	6.25
Sou. Am. Yellow Dynamite Popping	.10	.50	1.00	3.75

## KAFFIR CORN, MILO & FETERITA

	1 lb.	10 lbs.	25 lbs.	100 lbs.
Darso	.....	.....	.....	.....
Egyptian Wheat or Shalla	\$.15	\$.80	\$1.75	\$6.00
Feterita	.10	.55	1.15	3.75
Grobona	.10	.60	1.15	3.50
Hegari	.10	.50	1.00	3.00
White Kaffir Corn	.10	.50	1.00	3.00
Yellow Milo Maize	.10	.50	1.00	3.00

## PEANUTS

	1 lb.	10 lbs.	50 lbs.	100 lbs.
White Spanish Peanuts	\$.15	\$.85	\$3.25	\$6.00
Tenn. Long Red Peanuts	.15	.95	3.65	6.75
White Virginia Peanuts	.....	.....	.....	.....

## POTATOES—Sweet-Certified

	1 Hamper	5 Hampers
Nancy Hall, f.o.b. growing station	\$1.50	\$7.00
Porto Rica, f.o.b. growing station	1.50	7.00

## POTATO SLIPS—Certified

	500	1000	10,000
Nancy Hall	.....	.....	.....
Porto Rica	.....	.....	.....

## SOY, MUNG & VELVET BEANS

	pk.	bu.	2 1/2 bu.
Arksoy Soy Beans	\$.65	\$1.05	\$1.80
Avoyle's Soy Beans	.65	1.95	1.80
Biloxi Soy Beans	.70	2.25	2.10
Delta Soy Beans	.60	1.75	1.60
Early Yellow Soy Beans	.60	1.75	1.60
Illini Soy Beans	.60	1.75	1.60
Southern Laredo Soy Beans	.75	2.40	2.25
Macoupin Soy Beans	.70	2.05	1.90
Mammoth Soy Beans	.60	1.75	1.60
Mammoth Brown Soy Beans	.60	1.75	1.60
Mammoth Yellow Soy Beans	.60	1.75	1.60
Norredo (Ind. Laredo) Soy Beans	.....	.....	.....
Oreolan Soy Beans	1.10	3.70	3.55
Red Tanner Soy Beans	.65	2.00	1.85
Tokio Soy Beans	.70	2.05	1.90
Viginta Soy Beans	.65	1.90	1.75
White Piloxi Soy Beans	.60	1.75	1.60
Wilson Soy Beans	.60	1.75	1.60
Early Speckled Velvet Beans	.60	1.80	1.65
Mung Beans	1.00	3.00	2.85

## COW PEAS

	pk.	bu.	2 1/2 bu.
Whippoorwill	\$.70	\$2.05	\$1.90
Whippoorwill Mixed	.65	1.95	1.80
New Era	.70	2.05	1.90
Black Stock	.....	.....	.....
Clay	.....	.....	.....
Red Ripper	.....	.....	.....
Mixed Cow Peas	.60	1.85	1.70
Large White Blackeye	.....	.....	.....
White Cream or Lady Peas	.....	.....	.....
White Crowder	1.25	4.25	4.10
Brown Crowder	1.20	4.05	3.90

## MISCELLANEOUS FIELD SEEDS

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Broom Corn, Imp. Evergreen	\$.20	\$1.25	\$4.40	\$8.25
Broom Corn, Scarbrough Dv.	.20	1.40	5.00	9.50
Buckwheat Seed, bu. 50 lbs.	.10	.65	2.00	3.50
Chutras, bu. 44 lbs.	.20	1.35	4.90	9.25
Crotalaria Spectabilis, bu. 60 lbs.	.20	1.25	4.40	7.75
Rape, Dwarf Essex, bu. 50 lbs.	.15	1.00	4.40	8.25
Sunflower, Mam. Russian, bu. 25 lbs.	.10	.80	2.90	5.25
Jerusalem Artichokes, bu. 50 lbs.	.10	.70	2.25	4.00

## POTATOES—Irish

	pk.	1/2 bu.	bu.	lbs.
Chippewa, Certified	\$.60	\$1.00	\$1.85	\$2.85
Irish Cobbiers, Certified	.60	.95	1.75	2.65
Red Triumphs, Certified	.60	1.00	1.80	2.75

## CERESAN—SEMESAN

	For Seed Disinfectants
New Improved Ceresan for smut in oats, 4-oz. cans	\$.30
1-lb. can \$ .75; 5-lb. can, \$3.25. 1 lb. treats 32 bushels.	
2% Ceresan for Cotton, Millet and Sorghum, 1-lb. can	\$.70
5-lb. can, \$3.00; 25 lbs., \$13.25; 100-lb. drum, \$50.00.	
1 lb. treats 5 bu. cotton or 8 bu. millet and sorghum.	
New Improved Semesan, Jr., for Corn, 2-oz. pkg.	\$.15
Treats 2 bushels; 4-oz. \$ .30; 1-lb., \$ .76; 5 lbs., \$3.00;	
25-lb. drum, \$12.50.	
New Improved Semesan Bel, for Potatoes, 2-oz. pkt.	\$.25
4-oz. \$ .50; 1-lb. treats 60 bushels, \$1.50; 5-lb. tin, \$6.50.	
Semesan for Vegetables, Flower seeds, Bulbs, 1/2-oz.	\$.10
2-oz. tin, \$ .35; 1-lb., \$2.25; 5-lb. tin, \$10.00.	



BEANS—GARDEN

Packed in 2 Bu. 120-lb. Bags

	1 Pk.	120 Lbs.
Black Valentine Stringless Bush.....	\$1.00	\$12.60
Bountiful Bush.....	.95	12.00
Burpee's Stringless Green Bush.....	.95	12.00
Commodore Bush (Dwf. Ky. Wonder).....	1.95	13.20
Full Measure Bush.....	.95	12.00
Giant Stringless Green Pod Bush.....	.95	12.00
Imp. Early Red Valentine Bush.....	.95	12.00
Tennessee Green Pod Bush.....	.95	12.00
Tendergreen Stringless Bush.....	1.00	12.60
Imp. Golden Wax Bush.....	1.00	13.20
Prolific Black Wax Bush.....	1.00	12.60
Sare Crop Wax Bush.....	1.00	12.60
Kentucky Wonder Pole.....	.95	12.00
Kentucky Wonder Wax Pole.....	1.10	13.80
Ideal Market Pole.....	1.00	12.60
McCaslan Pole.....	.95	12.00
Scotia Striped Cornfield Pole.....	1.00	12.60
Tennessee Wonder Pole.....	1.00	12.60
White Greaseback Pole.....	.95	12.00
White Seeded Kentucky Wonder Pole.....	1.00	13.20
Burpee's Imp. Bush Lima.....	1.15	15.00
Henderson Bush Lima.....	.95	12.00
Jackson Wonder Bush Lima.....	.95	12.00
Wood's Prolific Bush Lima.....	1.00	12.60
Carolina Sleeve Pole Butter.....	.95	12.00
Florida or Calico Pole Butter.....	1.60	13.20
King of the Garden Pole Lima.....	1.10	13.80
Large White Pole Lima.....	1.10	13.80
Willow Leaf Pole Lima.....	1.15	15.60
Great Northern Field.....	.85	10.20
Pinto Field.....	.85	10.20
Red Kidney Field.....	.95	10.20
White Navy Field.....	.85	10.20

PEAS—ENGLISH

Packed in 2-Bu. 120-Lb. Bags.

	1 Pk.	120 Lbs.
Alaska, Early.....	.85	\$5.70
Alaska, Wilt Resistant.....	.85	5.70
Ameer Large Pod Alaska.....	.90	6.30
First and Best Extra Early.....	.90	6.00
Large White Marrowfat.....	.85	5.70

WRINKLED PEAS

Packed in 2-Bu. 112-Lb. Bags

	1 Pk.	112 Lbs.
Alderman.....	\$1.75	\$6.45
American Wonder.....	1.70	6.15
Bliss Everbearing.....	1.75	6.45
Dwarf Telephone.....	1.75	11.75
Gradus Prosperity.....	1.75	6.45
Laxtonian.....	1.75	6.45
Laxton's Progress.....	1.75	6.45
Little Marvel.....	1.75	6.45
McLean's Little Gem.....	1.70	6.15
Tall Telephone.....	1.75	6.45
Thos. Laxton.....	1.75	6.45

CORN—GARDEN

Early Large Adams.....

	1 Pk.	112 Lbs.
Extra Early Adams.....	1.05	\$3.35
Early Surprise genuine Northern.....	.85	3.65
Early Surprise, Southern.....	.80	2.50
Early Snowflake.....	.90	3.10
Improved Adams.....	1.60	3.35
Trucker's Favorite, Northern.....	.90	3.10

CORN SUGAR

Barden's Wonder Bantam.....

	10 lbs.	50 lbs.
Country Gentleman.....	\$1.15	\$4.75
Golden Bantam.....	1.20	5.00
Golden Cross Hybrid.....	1.15	4.75
Honey June.....	1.00	8.50
Long Island Beauty.....	1.25	7.00
Stowell's Evergreen.....	1.15	5.25
Top Cross Golden Bantam.....	1.90	4.75
Whippell's Early Yellow.....	1.15	8.50

MUSTARD SEED

	5 lbs.	25 lbs.	100 lbs.
Chinese Mammoth.....	\$1.35	\$5.75	\$21.50
Elephant Ear.....	1.35	5.75	21.50
Florida Broad Leaf.....	1.35	5.75	21.50
Southern Giant Curled.....	1.30	5.50	20.50
Long Standing Giant Curled.....	1.35	5.75	21.50
Tendergreen Jap. Must. Spinach.....	1.30	5.25	19.00

PUMPKIN

	5 lbs.	25 lbs.	100 lbs.
Kentucky Yellow Field.....	\$1.25	\$4.50	\$16.00

RADISH

	10 lbs.	25 lbs.	100 lbs.
Cooper's Sparkler White Tip.....	\$3.00	\$7.00	\$25.50
Early Scarlet Globe.....	3.00	7.00	25.50
French Breakfast.....	3.00	7.00	25.50
White Icicle.....	3.00	7.00	25.50

SPINACH

	10 lbs.	25 lbs.	100 lbs.
Bloomsdale Curled Savoy.....	\$1.80	\$4.25	\$15.00
Giant Noble.....	2.00	4.75	17.00
Long Standing Bloomsdale Savoy.....	1.90	4.50	16.00
New Zealand.....	2.20	5.25	19.00
Norfolk Blight Resistant Savoy.....	2.00	4.75	17.00
Viroflay Broad Leaf.....	1.90	4.50	16.00

TURNIP SEED

	10 lbs.	25 lbs.	100 lbs.
American Purple Top White Globe.....	\$3.25	\$7.25	\$25.00
Ex. Ea. Purple Top Milan.....	3.30	7.25	27.00
Japanese Shogoin Louise Resistant.....	2.40	5.25	18.50
Pomeranian White Globe.....	2.40	5.00	17.00
Purple Top White Globe.....	2.40	5.00	17.00
Red or Purple Top Strap Leaf.....	2.40	5.00	17.00
Southern Seven Top.....	2.50	5.25	18.50
Yellow Aberdeen.....	2.40	5.25	18.50
Purple Top Yellow Rutabaga.....	2.40	5.25	18.50
Mixed.....	2.40	5.25	18.50

WATERMELON

	2 lbs.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Dixie Queen.....	\$1.60	\$3.50	\$6.50	\$15.00	\$50.00
Early Kansas.....	1.00	2.25	4.00	9.50	32.50
Florida Giant.....	1.70	4.00	7.50	17.50	60.00
Georgia Rattlesnake.....	1.00	2.25	4.00	9.25	32.50
Golden Honey.....	1.00	2.25	4.00	9.25	32.50
Halbert Honey.....	1.00	2.25	4.00	9.25	32.50
Irish Gray.....	1.00	2.25	4.00	9.25	32.50
Kleckley's Sweet.....	1.00	2.25	4.00	9.25	32.50
Leesburg Wilt Resistant.....	1.50	3.00	5.00	11.25	38.00
New Wonder.....	1.00	2.25	4.00	9.25	32.50
Schlochter.....	1.60	3.50	6.50	15.00	50.00
Stone Mountain.....	1.00	2.25	4.00	9.25	32.50
Tom Watson.....	1.00	2.25	4.00	9.25	32.50
R. H. Co.'s Winona.....	1.60	3.50	6.50	15.00	50.00

FROST PROOF CABBAGE PLANTS

	500	1000	3000	12000
F.O.B. Memphis, Available Feb. 1st.....	\$1.00	\$4.50	\$17.40	\$12.60
F.O.B. Growing Sta. Ready Feb. 1.....	.....	3.30	.....	.....

BERMUDA ONION PLANTS

	500	1000	3000	12000
Available Feb. 1st.....	500	1000	3000	12000
White or Yellow, F.O.B. Memphis.....	\$ .40	\$ .75	\$2.95	\$27.00

ONION SETS

	Small Sets	1 1/2-Bu.	2 Bu.
Red Wethersfield.....	\$ .70	\$1.15	\$2.10
Yellow Danvers.....	.70	1.15	2.10
White Silver Skin.....	.75	1.20	2.20

PEAT MOSS & POULTRY LITTLER

	2 Bu. Bags .85; 1/2 Bale.	Full Bale, about 20 Bu.
.....	\$2.25	3.50

CANNED MEAT FOR DOGS

	Doz. Cans	48 Cans
Miller's, 1 lb. cans.....	\$1.00	\$3.60
Pard, 1-lb. cans.....	1.10	4.00
Red Heart, 1-lb. cans.....	1.00	3.75
Ween, 1-lb cans.....	1.80	6.50

FERTILIZER

	25 lbs.	50 lbs.	100 lbs.
Aero Cyanamid 21% N. 70% Lime.....	\$.....	\$.....	\$.....
Acid Phosphate 16%.....	.....	.....	.....
Acid Phosphate 20%.....	.....	.....	.....
Basic Slag.....	.....	.....	.....
Bone Meal, Standard.....	.90	1.35	2.25
Bone Meal, Rose Grower.....	1.00	1.50	2.50
Kainit Potash Salts.....	.....	.....	.....
Muriate of Potash.....	.....	.....	.....
Nitrate of Soda.....	.75	1.25	2.15
Sheep Manure.....	.65	1.10	1.75
3-8-6 Vegetable Fertilizer.....	.70	1.00	1.60
4-8-4 Cotton and Corn Fertilizer.....	.70	1.00	1.60
4-8-8 Potato Fertilizer.....	.75	1.10	1.85
6-8-6 Market Gardners Fertilizer.....	.75	1.15	1.90
6-12-6 Big Crop Fertilizer.....	.....	.....	.....
Hydrated Lime, 40 lbs. 50c; 10 lbs. 25c.....	.....	.....	.....
Vigoro Fertilr 5 lbs. 45c; 10 lbs. .85; 1.50.....	.....	.....	.....

SPRAY MATERIALS

	12-lb. drums	48 lbs.	case 50 lbs.
Arsenate of Lead, 4 lbs. 75c; case 12-lb. drums.....	\$6.24	.....	.....
Attalide, 15 lbs. \$2.75; 50 lbs. \$5.50; 100 lbs.....	.....	.....	.....
Bordeaux Powder, 4 lbs. 75c; case 12-lb. drums.....	6.24	.....	.....
Blue Stone Cop. Sulp., Granular, 10 lbs. 90c; 100 lbs.....	.....	.....	.....
Blue Stone Cop. Sulp. Powd., 10 lbs. 90c; 100 lbs.....	.....	.....	.....
Calcium Arsenate, 4 lbs. 50c; case 12-lb. drums.....	3.84	.....	.....
Calcium Arsenate, 100 lb. drums.....	7.25	.....	.....
Cryolite, 6 lbs. \$1.00; 24 lbs. \$3.65; 48 lbs.....	6.75	.....	.....
Ditronic Sulphur Peach, 5 lbs. 75c; case 50 lbs.....	3.50	.....	.....
Ditronic Sulphur Apple, 4 lbs. 60c; case 48 lbs.....	3.84	.....	.....
Dry or Peach Mix, 5 lbs. 75c; 12 1/2 lbs. \$1.25; 100 lbs.....	8.50	.....	.....
Ethylene Dichloride Emul., gal. \$1.35; 5 gal. \$6.25; 50 gal.....	45.00	.....	.....
Hydrated Lime, 10 lbs. 25c; 40 lb. bag.....	.50	.....	.....
Kayso Spreader, 10 lbs. \$1.70; 25 lbs. \$4.00; 100 lbs.....	14.00	.....	.....
Lime Sulphur Dry, 12 1/2 lbs. \$1.30; 100 lbs.....	9.00	.....	.....
Lime Sulphur Solution, 5 gal. \$2.20; 10 gal.....	3.95	.....	.....
Lime Sulphur Solution, 30 gal. \$6.60; 55 gal.....	9.35	.....	.....
Mulsoid Wettable Sulfur, 6 lbs. 85c; case 60 lbs.....	4.80	.....	.....
Oil Emulsion, 5 gal. \$2.20; 10 gal.....	3.95	.....	.....
Oil Emulsion, 30 gal. \$7.20; 55 gal.....	11.00	.....	.....
Scalecide, 5 gal. \$5.50; 10 gal.....	9.50	.....	.....
Spray Mulsion 96% Oil, gal. 80c; 5 gal.....	3.25	.....	.....
Spray Mulsion 96% Oil, 10 gal. \$6.00; 50 gal.....	19.00	.....	.....
Sulphur Powdered, 10 lbs. 65c; 25 lbs. \$1.00; 100 lbs.....	3.25	.....	.....
Sulphur Mike Wettable, 4 lbs. 50c; 10 lbs. \$1.00; case 60 lbs.....	5.40	.....	.....
Tobacco Dust, 10 lbs. 60c; 25 lbs. \$1.00; 100 lbs.....	3.00	.....	.....
Zinc Sulphate, 5 lbs. 50c; 25 lbs. \$1.50; 100 lbs.....	4.75	.....	.....

POULTRY & PIGEON FEED

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Ful-O-Pep Chick Starter.....	\$ .45	\$ .95	\$1.65	\$3.05
Ful-O-Pep Fine Chick Feed.....	.40	.75	1.30	2.35
Ful-O-Pep Coarse Chick Feed.....	.35	.70	1.20	2.15
Ful-O-Pep Egg Breeder Mash.....	.45	.90	1.55	2.90
Ful-O-Pep Laying Mash.....	.40	.85	1.40	2.60
Ful-O-Pep Growing Mash.....	.45	.90	1.55	2.90
Ful-O-Pep Hen Scratch.....	.35	.65	1.10	2.00
Ful-O-Pep Turkey Starter.....	.50	1.05	1.90	3.60
Ful-O-Pep Turkey Grower.....	.45	.95	1.65	3.10
Dried Buttermilk.....	1.20	2.75	5.00	9.00
Happy Pigeon Feed Nos. 1 or 2.....	.55	1.20	2.25	4.30
Rollad Oat Meal.....	.50	1.00	1.90	3.50
Rabbit Mash.....	.45	.90	1.55	2.85

BIRD SEED—BULK

	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Bird Hemp.....	\$ .60	\$1.10	\$2.50	\$8.75	.....
Bird Millet.....	.35	.60	1.25	4.00	.....
Bird Rape (Small Sweet).....	.70	1.30	3.00	11.00	.....
Bird Rape (Large).....	.55	1.05	2.30	8.25	.....
Canary Seed, Plain.....	.45	.85	1.85	6.50	.....
Canary Seed, Mixed.....	.50	.90	2.00	7.00	.....
Sunflower Seed.....	.40	.70	1.45	4.75	.....

DOG FEED—DOG BISCUIT

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Chappell's Ken-L-Worth Kibbled.....	\$ .90	\$2.10	\$4.10	\$8.00
Miller's Dog Ration.....	.65	1.35	2.60	5.00
Miller's Whole & Kibbled Biscuit.....	.85	1.95	3.75	7.25
Miller's Puppy Meal.....	.85	2.00	3.85	7.50
Miller's Meaties, Cubes.....	.75	1.50	2.85	5.50
Rose's Kibbled Biscuit.....	.80	1.60	3.10	6.00

**With return Envelopes sent on request**

**SPECIAL NOTICE!** If you will write below 5 names and addresses of your friends that you think would be interested in our catalog, accompanied with an order totalling \$1.00 or more, except collections and special offers, we shall be glad to show our appreciation by sending you an additional 25c worth of garden or flower seed in 5c and 10c packets only. Please state your preference.

- 1.
- 2.
- 3.
- 4.
- 5.

**Please Read:** If we should be sold out of a variety on your order, shall we substitute with a variety equally as good quality as the variety ordered, or return your money? PLEASE MARK WITH AN "X."

Substitute ..... Return Money.....



# RUSSELL-HECKLE SEED CO.

**NON-WARRANTY.** Russell-Hackle Seed Company give no warranty, express or implied, as to description, quality, productiveness, of any seeds, plants, bulbs, or nursery stock they send out, and they will not be in any way responsible for the crop.

[illegible]

FROM \_\_\_\_\_

P. O. \_\_\_\_\_

STATE \_\_\_\_\_

PLACE  
STAMP  
HERE

# RUSSELL-HECKLE SEED CO.

16 SOUTH FRONT ST.

TOP NOTCH  
FIELD AND GARDEN  
SEEDS

MEMPHIS, TENN.

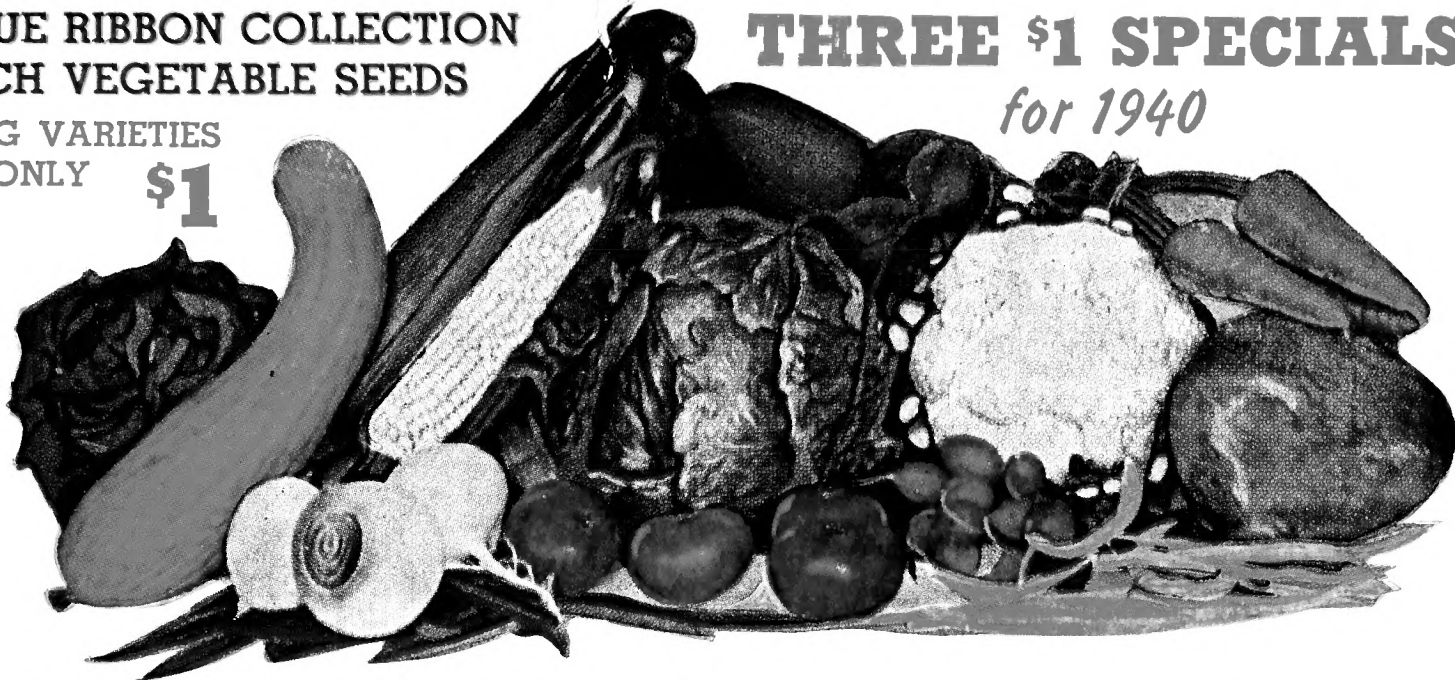


**BE SURE YOU HAVE GIVEN YOUR COMPLETE  
ADDRESS AND SIGNED YOUR NAME.**

## R.-H. CO.'S BLUE RIBBON COLLECTION OF TOP NOTCH VEGETABLE SEEDS

30 OUTSTANDING VARIETIES  
POSTPAID FOR ONLY **\$1**

NOTICE—We can sell these collections at the low price of \$1.00 only because we put up hundreds of them before the spring rush. Therefore we cannot and will not change this collection in any manner or under any circumstances. Neither can they be sold for less, regardless of quantities.



1/4 lb. Beans, Bush, Improved Golden Wax.  
1/4 lb. Beans, Bush, Stringless Green Pod.  
1/4 lb. Beans, Pole, Kentucky Wonder.  
1/4 lb. Beans, Bush Lima, Henderson.  
1/4 lb. Peas, English (Smooth), Early Alaska.  
1/4 lb. Peas, English (Wrinkled), Laxtonian.  
1/4 lb. Corn, Sweet, Early Surprise.  
1 pkt. Beet, Crosby's Egyptian.  
1 pkt. Cabbage, Early Jersey Wakefield.  
1 pkt. Cantaloupe, Rocky Ford.

1 pkt. Carrot, Half Long Danvers.  
1 pkt. Cauliflower, Early Snowball.  
1 pkt. Collard, Southern or Georgia.  
1 pkt. Cucumber, Improved Long Green.  
1 pkt. Egg Plant, Black Beauty.  
1 pkt. Kale, Tall Curled Scotch.  
1 pkt. Lettuce, Big Boston.  
1 pkt. Mustard, Southern Giant Curled.  
1 pkt. Okra, White Velvet.  
1 pkt. Onion, Yellow Globe Danvers.

1 pkt. Pepper, California Wonder.  
1 pkt. Pepper, Long Red Cayenne.  
1 pkt. Radish, White Icicle.  
1 pkt. Radish, Early Scarlet Globe.  
1 pkt. Rutabaga, Purple Top Yellow.  
1 oz. Spinach, Bloomsdale Savoy.  
1 pkt. Squash, Early White Bush.  
1 pkt. Tomato, Early Detroit.  
1 oz. Turnip, Purple Top Globe.  
1 pkt. Watermelon, Tom Watson.



## R.-H. CO.'S GOLD MEDAL FLOWER SEED COLLECTION

20 CHOICE VARIETIES  
POSTPAID FOR ONLY

**\$1**

REGULAR 10c PKT. OF EACH

Ageratum. Blue.	Marigold. Sunset.
Alyssum. Yellow.	Pansy. Giant mixed.
Aster. Comet.	Petunia. Pink.
Cardinal Climber.	Phlox. Fireball.
Carnation. Mixed.	Pinks. Clove.
Cosmos. Pink.	Poppies. Perennial.
Daisy. Shasta.	Sweet Peas. Smiles.
Gaillardia. Red.	Verbenas. Red.
Hollyhocks. Red.	Vinca. Rosea.
Larkspur. Blue.	Zinnia. Exquisite.

## R.-H. CO.'S RAINBOW COLLECTION OF FINE GLADIOLUS

6 EACH OF THE FOLLOWING VARIETIES

**1 PICARDY.** Soft shrimp pink, clear and clean with a blotch of light flesh pink which blends back into the main color. The most sensational variety in recent years. **POSTPAID FOR ONLY \$1**

**2 W. H. PHIPPS.** LaFrance pink, overlaid with light rose-salmon. Lighter towards center. A novelty which will cause you to exclaim with wonder.

**3 GOLDEN DREAM.** Clear, deep yellow. Tall, straight, vigorous plant. Very popular. A variety of good growth habits.

**4 COMMANDER KOEHL.** Dark scarlet-red and probably the most desirable dark red available today. Wide open flowers which catch the eye.

**5 DUNA.** Soft pinky buff shading to pale yellow at base of lip petals. A beautiful clear, distinct new color and is a special favorite of the ladies.

**6 BAGDAD.** Smoky old rose somewhat darker toward the edge and lighter in the throat. Six to eight or even more immense blooms open at a time.





# **RUSSELL HECKLE'S** *HYBRID CORN*

**NEW STRAINS FOR THE SOUTH**

See Pages 4, 5, 6 and 7



**RUSSELL - HECKLE SEED Co.**

**16 So. Front St.**

WHOLESALE WAREHOUSE  
LINDEN STATION

**Memphis, Tenn.**